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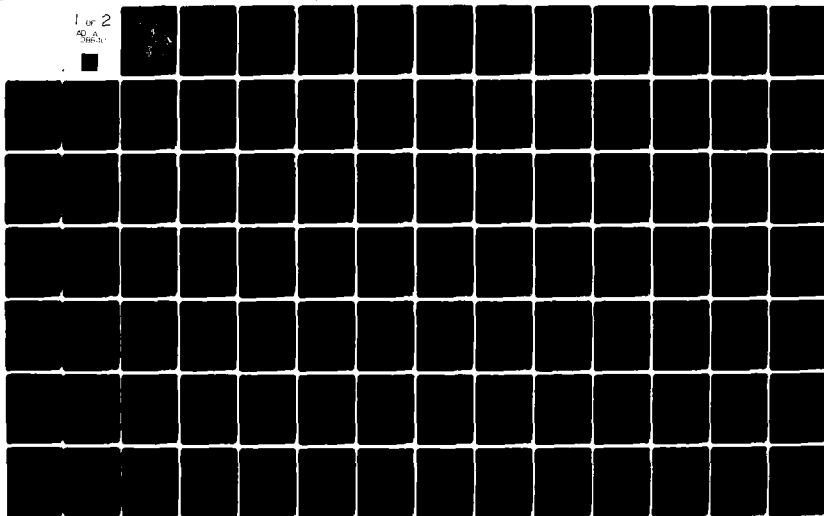
MARINE CORPS WASHINGTON DC  
MILITARY OCCUPATIONAL SPECIALTIES (MOS) 2144.(U)  
SEP 77

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Date: Sept 75

HEADQUARTERS  
UNITED STATES MARINE CORPS

OFFICE OF MANPOWER UTILIZATION  
TASK ANALYSIS OF

(MOS) 2144

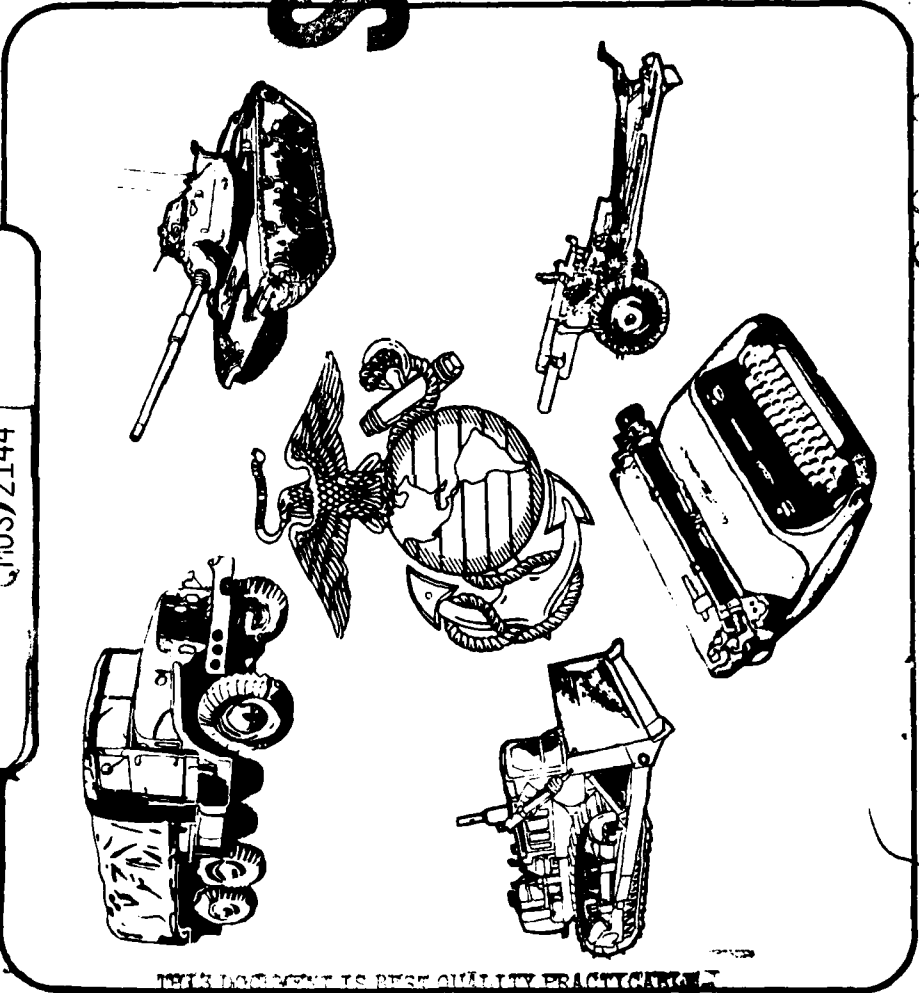
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# INTRODUCTION

YOU HAVE BEEN SELECTED TO PARTICIPATE IN A STUDY ON THE BASIS OF YOUR CURRENT JOB ASSIGNMENT. THE INFORMATION YOU FURNISH WILL BE OF GREAT VALUE TO THE MARINE CORPS IN FUTURE DECISIONS ON: (1) OCCUPATIONAL FIELD STRUCTURE, (2) TRAINING, (3) CLASSIFICATION, AND (4) ASSIGNMENT POLICY.

THIS QUESTIONNAIRE WAS CONSTRUCTED FROM ON-THE-JOB OBSERVATIONS AND INTERVIEWS WITH MARINES PERFORMING DUTIES AND TASKS SIMILAR TO THOSE YOU PERFORM. IT IS DESIGNED TO DETERMINE WHAT YOU DO IN YOUR PRESENT JOB.

THIS IS NOT A TEST. NEITHER YOU, YOUR COMMANDER, NOR YOUR UNIT WILL BE EVALUATED. IN ANY WAY, ON THE INFORMATION YOU PROVIDE. YOUR INDIVIDUAL ANSWERS WILL BE HELD IN THE STRICTEST CONFIDENCE.

THE RESULTS OF THE INFORMATION YOU PROVIDE IN THIS QUESTIONNAIRE WILL BE OF BENEFIT TO YOU AND OTHER MARINES IN YOUR OCCUPATIONAL FIELD. THEREFORE PLEASE BE AS STRAIGHTFORWARD, ACCURATE AND CONCISE AS POSSIBLE. ALL ANSWERS SHOULD BE BASED ON YOUR PRESENT JOB ASSIGNMENT.

THERE ARE THREE PARTS TO THE QUESTIONNAIRE:

- PART I BACKGROUND INFORMATION
- PART II JOB SATISFACTION/COMPLAINT STATEMENTS
- PART III TASK STATEMENTS

IF THERE IS NO TIME LIMIT TO COMPLETE THIS QUESTIONNAIRE, PLEASE TURN IN THE PAGE

Accession For	
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1. BOOK NUMBER -----  
( 1/ 1- 8)  
( 1/ 9-12)

2. WHAT IS YOUR PRESENT REPORTING UNIT CODE (RUC)?  
-----  
( 1/13-17)

3. SOCIAL SECURITY NUMBER -----  
( 1/18-26)

4. RANK  
( 1/27)

- 1. PVT
- 2. PFC
- 3. LCPL
- 4. CPL
- 5. SGT
- 6. SSGT
- 7. GYSGT
- 8. MSGT
- 9. MGYSGT

5. SEX

( 1/28)

1. MALE

2. FEMALE

6. PRIMARY MOS \_\_\_\_\_

( 1/29-32)

7. 1ST ADDITIONAL MOS \_\_\_\_\_

( 1/33-36)

8. BILLET/DUTY MOS \_\_\_\_\_

( 1/37-40)

9. WHAT IS THE TOTAL TIME YOU HAVE IN:

1. THE U.S. MARINE CORPS

\_\_\_\_\_ (YEARS)

( 1/41-42)

2. YOUR PRIMARY MOS

\_\_\_\_\_ (YEARS)

( 1/43-44)

3. YOUR CURRENT ASSIGNMENT/BILLET

\_\_\_\_\_ (MONTHS)

( 1/45-46)

10. AT WHAT LEVEL OF COMMAND ARE YOU PRESENTLY WORKING?

1. HQ EMPLANT/PAC
2. SEPARATE BATTALION
3. HQ MAF/MAB
4. SQUADRON
5. HQ DIVISION
6. COMPANY
7. HQ WING
8. SEPARATE COMPANY
9. HQ BRIGADE
10. DETACHMENT
11. REGIMENT
12. SUB-UNIT
13. AIRCRAFT GROUP
14. BATTALION

15. OTHER (INDICATE ON LAST PAGE OF BOOKLET)

11. ON THE AVERAGE, HOW MANY HOURS PER WEEK ARE YOU REQUIRED TO WORK?

1. LESS THAN 10 HOURS
2. 41 TO 45 HOURS
3. 46 TO 50 HOURS
4. 51 TO 60 HOURS
5. MORE THAN 60 HOURS

( 1/49)

12. WHAT IS THE HIGHEST LEVEL OF CIVILIAN EDUCATION YOU HAVE COMPLETED? ( 1/50)  
(TO INCLUDE GED CREDIT)

1. LESS THAN HIGH SCHOOL GRADUATE
2. HIGH SCHOOL GRADUATE
3. 1 YEAR COLLEGE
4. 2 YEARS COLLEGE
5. 2 YEARS COLLEGE WITH ASSOCIATE DEGREE
6. 3 YEARS COLLEGE
7. 4 YEARS COLLEGE WITH DEGREE

13. HOW DID YOU RECEIVE YOUR PRIMARY MOS? (SELECT ONE OR MORE)

1. SCREENED FOR TALENT OR CIVILIAN ACQUIRED SKILL ( 1/51)
2. ON THE JOB TRAINING (OJT) ( 1/52)
3. COMPLETION OF SERVICE SCHOOL OR COURSE ( 1/53)
4. RETRAINING FROM OTHER MOS ( 1/54)
5. LATERAL MOVE UPON REENLISTMENT ( 1/55)
6. DIRECTED RECLASSIFICATION ( 1/56)
7. PROMOTION OR REDUCTION IN GRADE ( 1/57)



14. WHAT TYPE OF TRAINING DID YOU RECEIVE TO PREPARE YOU FOR YOUR PRESENT JOB? (SELECT ONE OR MORE)

- 1. ON THE JOB TRAINING ( 1/58)
- 2. COMMAND OR UNIT SPONSORED SCHOOL ( 1/59)
- 3. FORMAL SERVICE SCHOOL ( 1/60)
- 4. CIVILIAN SCHOOLING ( 1/61)
- 5. CIVILIAN EXPERIENCE ( 1/62)
- 6. CORRESPONDENCE COURSE(S) ( 1/63)
- 7. HAVE NOT RECEIVED ANY TRAINING ( 1/64)

15. WHICH OF THE FOLLOWING BEST DESCRIBES THE PERCENT OF TIME YOU SPEND PER MONTH ON NON-MOS TASKS? (SUCH AS, GENERAL MILITARY TRAINING, DUTIES, INSPECTIONS, DETAILS AND CEREMONIES)

- 1. LESS THAN 5% ( 1/65)
- 2. 6% TO 10%
- 3. 11% TO 15%
- 4. 16% TO 25%
- 5. 26% TO 50%
- 6. OVER 50%

16. MY PRESENT BILLET TITLE IS BEST DESCRIBED AS: (SELECT ONLY ONE) ( 1/65-67)

1. BATTALION ARMORER
2. ASSISTANT ARMORER
3. INFANTRY WEAPONS REPAIRMAN
4. ARMORER
5. INFANTRY WEAPONS ARMORER
6. REPAIR CONTROL ASSISTANT
7. R&E REPAIRMAN
8. ARTILLERY WEAPONS REPAIRMAN
9. SCHEDULING NCO
10. WEAPONS TECHNICIAN
11. SECTION LEADER
12. ARTILLERY WEAPONS REPAIRMAN/DRIVER
13. TANK REPAIRMAN
14. SQUAD LEADER
15. TANK RECOVERY VEHICLE CREWMAN
16. TANK RECOVERY VEHICLE COMMANDER
17. REPAIR CONTROL CLERK
18. RECOVERY VEHICLE SECTION LEADER

19. AMTRAC REPAIRMAN
20. TRACKED VEHICLE REPAIRMAN AMPHIBIAN
21. AMPHIBIOUS TRACTOR MECHANIC
22. REPAIR TEAM LEADER
23. LVT RECOVERY VEHICLE CREWMAN
24. LVT RECOVERY VEHICLE COMMANDER
25. SECTION CHIEF/TRACKED VEHICLE TECHNICIAN
26. SELFPROPELLED ARTILLERY REPAIRMAN
27. TRACKED VEHICLE TECHNICIAN
28. SELFPROPELLED ARTILLERY MECHANIC
29. TRACKED VEHICLE REPAIR CHIEF
30. TRACKED VEHICLE MAINTENANCE CHIEF
31. ASSISTANT TRACKED VEHICLE MAINTENANCE CHIEF
32. MAINTENANCE CHIEF
33. WEAPONS UNIT NCOIC
34. ASSISTANT UNIT LEADER
35. TURRET REPAIR CHIEF
36. TURRET REPAIRMAN
37. TURRET MECHANIC

38. OPTICAL INSTRUMENT REPAIR BRANCH CHIEF
39. OPTICAL INSTRUMENT REPAIRMAN
40. OPTICAL INSTRUMENT TECHNICIAN
41. DIVISION CHIEF
42. ORDNANCE CHIEF
43. PLATOON SGT
44. SHOPS MAINTENANCE MANAGEMENT CHIEF
45. METAL WORKER
46. SHEET METAL WORKER
47. WELDER
48. METAL WORKER FOREMAN
49. REPAIR SHOP MACHINIST
50. MACHINIST, WEAPONS REPAIR
51. MACHINIST FOREMAN
52. CHIEF WEAPONS REPAIR MACHINIST
53. MACHINE SHOP CHIEF
54. BODY REPAIRMAN
55. VEHICLE PAINTER
56. OTHER (INDICATE ON LAST PAGE OF BOOKLET)

17. HOW MANY PERSONNEL DO YOU DIRECTLY SUPERVISE ON MOS RELATED DUTIES?

( 1/68 )

1. NONE
2. 1-5
3. 6-10
4. MORE THAN 10

18. IN YOUR PRESENT JOB, WHAT IS THE HIGHEST ECHELON OF MAINTENANCE YOU PERFORM?

( 1/69 )

1. 1ST ECHELON
2. 2D ECHELON
3. 2D ECHELON LIMITED 3D
4. 3D ECHELON
5. 3D ECHELON LIMITED 4TH
6. 4TH ECHELON
7. 5TH ECHELON

18. WHAT PERCENT OF YOUR TIME IS SPENT IN MAINTENANCE RELATED ADMINISTRATIVE DUTIES?

LESS THAN 1%

1% TO 5%

5% TO 10%

10% TO 15%

5. MORE THAN 15%

19. IN YOUR OPINION, SHOULD A PRIMARY MOS BE ESTABLISHED TO IDENTIFY A MAINTENANCE ADMINISTRATIVE CLERK?

( 1971 )

1. YES

2. NO

3. NO OPINION

20. WHICH OF THE FOLLOWING MOS RELATED SCHOOLS OR COURSES HAVE YOU COMPLETED? (SELECT ONE OR MORE)

1. MAINTENANCE ADMINISTRATIVE CLERK

2. MAINTENANCE ADMINISTRATIVE CLERK

3. MAINTENANCE ADMINISTRATIVE CLERK

4. FUEL AND ELECTRICAL SYSTEMS REPAIR COURSE, ABERDEEN, MD. ( 1/75)
5. BASIC AUTO MECHANIC COURSE, CAMP LEJEUNE ( 1/76)
6. ARTILLERY TRACK VEHICLE MAINTENANCE SCHOOL, FORT SILL, OKLA. ( 1/77)
7. TRACKED VEHICLE REPAIRMAN, AMPHIBIAN VEHICLE COURSE, CAMP PENDLETON ( 1/78)
8. TRACKED VEHICLE REPAIRMAN COURSE, SELF-PROPELLED ARTILLERY COURSE, ABERDEEN, MD. ( 1/79)
9. TRACKED VEHICLE REPAIRMAN, TANK COURSE, ABERDEEN, MD. ( 2/ 1)
10. ENGINEER EQUIPMENT CHIEF COURSE, CAMP LEJEUNE ( 2/ 2)
11. ENGINEER EQUIPMENT MAINTENANCE COURSE, FORT BELVOIR, VA. ( 2/ 3)
12. ENGINEER EQUIPMENT MECHANIC SCHOOL, CAMP LEJEUNE ( 2/ 4)
13. JOURNEYMAN ENGINEER EQUIPMENT MECHANIC COURSE, CAMP LEJEUNE ( 2/ 5)
14. SMALL ARMS REPAIR COURSE, ABERDEEN, MD. ( 2/ 6)
15. ARTILLERY REPAIR SCHOOL, ABERDEEN, MD. ( 2/ 7)
16. TURRET REPAIRMAN SCHOOL, ABERDEEN, MD. ( 2/ 8)
17. FIRE CONTROL INSTRUMENT REPAIR COURSE, ABERDEEN, MD. ( 2/ 9)
18. OFFICE MACHINE REPAIR SCHOOL, FORT LEE, VA. ( 2/10)
19. BASIC METAL WORKERS COURSE, CAMP LEJEUNE ( 2/11)
20. JOURNEYMAN METAL WORKERS COURSE, CAMP LEJEUNE ( 2/12)
21. MACHINERY REPAIRMAN COURSE, CLASS A. N.T.C., SAN DIEGO, CA. ( 2/13)

22. MACHINIST COURSE, ABERDEEN, MD. ( 2/14 )
23. METAL BODY REPAIR COURSE, ABERDEEN, MD. ( 2/15 )
24. MAINTENANCE MANAGEMENT COURSE, ALBANY, GA. ( 2/16 )
25. AUTOMOTIVE ENGINE MAINTENANCE AND REPAIR COURSE (MCI) ( 2/17 )
26. AUTOMOTIVE POWER TRAINS COURSE (MCI) ( 2/18 )
27. FUNDAMENTALS OF DIESEL ENGINES COURSE (MCI) ( 2/19 )
28. GM SERIES 71 DIESEL ENGINES COURSE (MCI) ( 2/20 )
29. BASIC ENGINEER EQUIPMENT MECHANIC COURSE (MCI) ( 2/21 )
30. METALWORKING AND WELDING OPERATIONS COURSE (MCI) ( 2/22 )
31. ENGINEER EQUIPMENT MECHANIC COURSE (MCI) ( 2/23 )
32. REPAIR AND MAINTENANCE OF CREW-SERVED WEAPONS COURSE (MCI) ( 2/24 )
33. ARMOY PROCEDURE COURSE (MCI) ( 2/25 )
34. INSPECTION AND REPAIR OF SHOULDER WEAPONS COURSE (MCI) ( 2/26 )
35. OTHER (INDICATE ON LAST PAGE OF BOOKLET) ( 2/27 )



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PART II. SPECIAL INSTRUCTIONS

1. PART II CONTAINS SOME STATEMENTS ABOUT YOUR PRESENT JOB. THE STATEMENTS MAY OR MAY NOT BE COMPLETELY TRUE STATEMENTS ABOUT YOUR PRESENT JOB.
2. SHOW HOW MUCH EACH STATEMENT TELLS THE TRUTH ABOUT YOUR PRESENT JOB. BY CIRCILING ONE OF THE NUMBERS, FROM 1 TO 7, THAT APPEAR AT THE RIGHT OF EACH STATEMENT.

FOR EXAMPLE: IF YOU THINK A STATEMENT IS COMPLETELY FALSE, YOU SHOULD CIRCLE THE 1; ON THE OTHER HAND, IF YOU THINK A STATEMENT IS COMPLETELY TRUE, YOU SHOULD CIRCLE THE 7. THE NUMBERS BETWEEN 1 AND 7 HAVE BEEN GIVEN MEANINGS THAT ARE SHOWN AT THE TOP OF THE PAGE.

3. BE SURE TO ANSWER EVERY STATEMENT.

TURN TO THE NEXT PAGE AND BEGIN PART II

PLEASE INDICATE THE EXTENT TO WHICH YOU  
 AGREE OR DISAGREE WITH THE FOLLOWING  
 STATEMENTS ABOUT YOUR PRESENT JOB

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1 I AM PAID ENOUGH FOR THE WORK I DO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
2 MY SUPERVISOR HELPS ME WHEN I NEED IT.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
3 I THINK I WILL GET A FAIR CHANCE AT PROMOTION.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
4 I AM TREATED WITH RESPECT.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
5 MY SUPERVISOR LETS ME KNOW HOW I AM DOING.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
6 I LIKE MY WORKING HOURS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
7 I GET THE CHANCE TO PROVE MYSELF.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
8 I LIKE THE OTHER MARINES WHERE I WORK.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
9 MY JOB IS IMPORTANT.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
10 THE RULES AND REGULATIONS ARE FAIR.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
11 I AM GIVEN ENOUGH RESPONSIBILITY AND INDEPENDENCE.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
12 MY JOB LETS ME HAVE AN ENJOYABLE OFF-DUTY LIFE.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
13 I AM PROUD OF MY JOB.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
14 I LIKE THE TYPE OF WORK I DO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

15 I AM TREATED FAIRLY.	1	1	2	3	4	5	6	7	1	2/42
16 MY JOB GIVES ME A WAY TO IMPROVE MYSELF.	1	1	2	3	4	5	6	7	1	2/43
17 MY JOB MAKES GOOD USE OF MY ABILITY.	1	1	2	3	4	5	6	7	1	2/44
18 I AM KEPT WELL-INFORMED.	1	1	2	3	4	5	6	7	1	2/45
19 MY SUPERVISOR TRUSTS ME TO DO MY JOB WELL.	1	1	2	3	4	5	6	7	1	2/46
20 I CAN DEPEND ON THE OTHER MARINES WHERE I WORK.	1	1	2	3	4	5	6	7	1	2/47
21 MY SUPERVISOR IS GOOD AT HIS JOB.	1	1	2	3	4	5	6	7	1	2/48
22 MY FAMILY IS PLEASED THAT I AM A MARINE.	1	1	2	3	4	5	6	7	1	2/49
23 OVERALL, I HAVE BEEN SATISFIED WITH MY PRESENT JOB.	1	1	2	3	4	5	6	7	1	2/50
24 OVERALL, I HAVE BEEN SATISFIED WITH THE MARINE CORPS.	1	1	2	3	4	5	6	7	1	2/51

## PART III SPECIAL INSTRUCTIONS

1. AS YOU READ EACH TASK IN THIS SECTION, PAGES 18 THROUGH 95 , PLACE A CHECKMARK IN THE COLUMN HEADED "CHECK IF DONE" FOR EACH TASK THAT YOU PERFORM IN YOUR PRESENT JOB. THE TASKS ARE NOT IN ANY PATTERN AND SIMILAR TASKS MAY SHOW UP SEVERAL PAGES APART. DO NOT CHECK THE TASKS THAT SEEM CLOSE TO THOSE YOU PERFORM BUT WAIT FOR THOSE THAT TELL EXACTLY WHAT YOU DO. IF YOU CHECK A TASK THAT IS CLOSE TO WHAT YOU DO AND THEN FIND THE EXACT TASK LATER, ERASE THE ONE PREVIOUSLY CHECKED. ACCURACY COUNTS.
2. DO NOT COMPLETE THE TIME SPENT PERFORMING COLUMN AT THIS TIME. THE REASON WE ASK YOU TO CHECK ONE COLUMN AT A TIME IS THAT IT PROVIDES MORE ACCURATE AND VALID INFORMATION.
3. IF A TASK THAT YOU PERFORM IS NOT LISTED ANYWHERE, WRITE IT ON PAGE NUMBER 99 .
4. REMEMBER, AT THIS TIME YOU ARE TO COMPLETE ONLY THE COLUMN HEADED "CHECK IF DONE" FOR PAGES 18 THROUGH 95. NOW TURN TO PAGE 18 AND BEGIN.

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TIME SPENT	
111	VERY LITTLE
112	BELOW AVERAGE
113	SLIGHTLY BELOW AVG
114	AVERAGE
115	SLIGHTLY ABOVE AVG
116	ABOVE AVERAGE
117	VERY MUCH

# PERFORM MAINTENANCE MANAGEMENT DUTIES

1 SUPERVISE PERSONNEL PERFORMING MAINTENANCE MANAGEMENT DUTIES	1	1	2	3	4	5	6	7	1-2752
2 INSTRUCT/TRAIN PERSONNEL PERFORMING MAINTENANCE MANAGEMENT DUTIES	1	1	2	3	4	5	6	7	1-2753
3 MONITOR MAINTENANCE TECHNICAL TRAINING PROGRAM	1	1	2	3	4	5	6	7	1-2754
4 MONITOR MAINTENANCE SAFETY PROGRAM	1	1	2	3	4	5	6	7	1-2755
5 PREPARE SAFETY INSPECTION CHECKLIST	1	1	2	3	4	5	6	7	1-2756
6 SUPERVISE MAINTENANCE SAFETY PROGRAM	1	1	2	3	4	5	6	7	1-2757
7 PREPARE BUDGET ESTIMATES FOR MAINTENANCE ACTIVITY	1	1	2	3	4	5	6	7	1-2758
8 MONITOR THE FINANCIAL STATUS OF MAINTENANCE ACTIVITY	1	1	2	3	4	5	6	7	1-2759
9 SELECT TACTICAL SITE TO SUPPORT MAINTENANCE ACTIVITY	1	1	2	3	4	5	6	7	1-2760
10 SELECT LAYOUT OF TACTICAL MAINTENANCE AREA FACILITIES AND SHOPS	1	1	2	3	4	5	6	7	1-2761
11 DESIGN MAINTENANCE SHIP LAYOUT FOR WORKFLOW/PAPERFLOW	1	1	2	3	4	5	6	7	1-2762

12	REVIEW RECOMMENDED CHANGES TO THE UNIT TABLE OF EQUIPMENT	1	1	1	2	3	4	5	2	7	1	2662
13	SUBMIT RECOMMENDED CHANGES TO THE UNIT T/E	1	1	1	1	1	1	1	1	1	1	2663
14	REVIEW RECOMMENDED CHANGES TO THE UNIT TABLE OF ALLOWANCE	1	1	1	2	3	4	5	6	7	1	2664
15	SUBMIT RECOMMENDED CHANGES TO THE UNIT T/A FOR PUBLICATION	1	1	1	2	3	4	5	6	7	1	2665
16	MAINTAIN PUBLICATIONS CONTROL SYSTEM TO REFLECT AUTHORIZED	1	1	1	2	3	4	5	6	7	1	2666
17	MONITOR INTERNAL DISTRIBUTION OF MAINTENANCE PUBLICATIONS	1	1	1	2	3	4	5	6	7	1	2667
18	MAINTAIN PUBLICATIONS IN A TECHNICAL LIBRARY	1	1	1	2	3	4	5	6	7	1	2668
19	REQUISITION TECHNICAL PUBLICATIONS	1	1	1	2	3	4	5	6	7	1	2669
20	ISSUE TECHNICAL PUBLICATIONS TO MAINTENANCE PERSONNEL	1	1	1	2	3	4	5	6	7	1	2670
21	PREPARE MAINTENANCE RELATED CORRESPONDENCE	1	1	1	2	3	4	5	6	7	1	2671
22	PREPARE INPUT TO MAINTENANCE AND READINESS EVALUATION SYSTEM	1	1	1	2	3	4	5	6	7	1	2672
23	MONITOR MARES REPORT FOR VALIDITY OF INPUT	1	1	1	2	3	4	5	6	7	1	2673
24	REVIEW MAKES REPORT FOR STATUS/PROGRESSION THROUGH MAINTENANCE	1	1	1	2	3	4	5	6	7	1	2674
25	PREPARE INPUT TO AUTOMATED INFORMATION SYSTEM (AIS) REPORT	1	1	1	2	3	4	5	6	7	1	2675
26	MONITOR AIS REPORT FOR VALIDITY OF INPUT	1	1	1	2	3	4	5	6	7	1	2676
27	REVIEW AIS REPORT FOR STATUS/PROGRESSION THROUGH MAINTENANCE	1	1	1	2	3	4	5	6	7	1	2677
28	MONITOR INPUT TO THE MARINE CORPS INTEGRATED MAINTENANCE	1	1	1	2	3	4	5	6	7	1	2678
29	PREPARE TACTICAL EQUIPMENT REPAIR ORDER (TECO)	1	1	1	2	3	4	5	6	7	1	2679



		TIME SPENT	
		111 VERY LITTLE	
		12 BELOW AVERAGE	
		13 SLIGHTLY BELOW AVG	
		14 AVERAGE	
		15 SLIGHTLY ABOVE AVG	
		16 ABOVE AVERAGE	
		17 VERY MUCH	
30	RECORD MAINTENANCE PERFORMED AND REPAIR PARTS USED ON	11	1
31	TACTICAL EQUIPMENT REPAIR ORDER (EQU)	11	2 3 4 5 7 1 3 7 2
31	REVIEW ERO FOR CORRECTNESS AND COMPLETENESS	1	1
32	MONITOR ERO FOR PROGRESSION THROUGH MAINTENANCE/SUPPLY	11	2 3 4 5 6 7 1 3 7 3
32	PROCESS	11	2 3 4 5 6 7 1 3 7 4
33	CLOSE OUT ERO	1	1
34	PREPARE ERO SHIPPING LIST	11	2 3 4 5 6 7 1 3 7 5
35	MONITOR PREVENTIVE MAINTENANCE PROGRAM	11	2 3 4 5 6 7 1 3 7 6
36	MONITOR MODIFICATION PROGRAMS	11	2 3 4 5 6 7 1 3 7 7
37	MONITOR CALIBRATION PROGRAMS	11	2 3 4 5 6 7 1 3 7 8
38	MONITOR CORRECTIVE MAINTENANCE PROGRAM	11	2 3 4 5 6 7 1 3 7 9
39	MONITOR OPERATIONAL READINESS FLUAT PROGRAM	11	2 3 4 5 6 7 1 3 7 10
40	VERIFY COMPLETION OF EROS AND ACCOMPANYING RECORDS FOR	11	2 3 4 5 6 7 1 3 7 11
41	EQUIPMENT BEING INDUCED INTO REPAIR ACTIVITY	11	2 3 4 5 6 7 1 3 7 12
41	PROCESS EQUIPMENT TO FLUAT, EVACUATION AND WASHOUT IN LIES	1	1
42	REPAIR	11	2 3 4 5 6 7 1 3 7 13
42	PREPARE FORMS NECESSARY FOR EVACUATION, FLUAT AND WASHOUT IN	1	1
43	LIEU DE REPAIR	11	2 3 4 5 6 7 1 3 7 14
43	VERIFY ENTRIES IN SHIP RECORDS UPON COMPLETION OF	1	1
43	MAINTENANCE	11	2 3 4 5 6 7 1 3 7 15

44	VERIFY ENTRIES IN EQUIPMENT RECORDS UPON COMPLETION OF MAINTENANCE	1	1	1	2	3	4	5	6	7	3/16
45	MANAGE QUALITY ASSURANCE AND CONTROL PROGRAMS	1	1	1	2	3	4	5	6	7	3/17
46	MONITOR CONTROLLED ITEMS PROGRAM	1	1	1	2	3	4	5	6	7	3/18
47	PREPARE RECOVERABLE ITEMS REPORT (RIK)	1	1	1	2	3	4	5	6	7	3/19
48	NOMINATE FOR EVACUATION, EQUIPMENT WHICH MEETS ESTABLISHED CRITERIA FOR REPLACEMENT AND EVALUATION PROGRAM (R&E)	1	1	1	2	3	4	5	6	7	3/20
49	PREPARE REPLACEMENT AND EVACUATION REPORT (R&E)	1	1	1	2	3	4	5	6	7	3/21
50	MONITOR ADMINISTRATIVE DEADLINE PROGRAM	1	1	1	2	3	4	5	6	7	3/22
51	MONITOR MAINTENANCE RECORDS AND REPORTING PROCEDURES FOR GARRISON MOBILE EQUIPMENT	1	1	1	2	3	4	5	6	7	3/23
52	COORDINATE MAINTENANCE RELATED INPUT TO CONTINGENCY PLANNING	1	1	1	2	3	4	5	6	7	3/24
53	PREPARE MAINTENANCE MANAGEMENT INSPECTION PLANS	1	1	1	2	3	4	5	6	7	3/25
54	CONDUCT UNIT MAINTENANCE MANAGEMENT INSPECTIONS	1	1	1	2	3	4	5	6	7	3/26
55	ASSIST UNITS IN CORRECTION OF MAINTENANCE MANAGEMENT PROBLEMS	1	1	1	2	3	4	5	6	7	3/27
56	MONITOR SUBMISSION OF UNSATISFACTORY EQUIPMENT REPORTS (UER)	1	1	1	2	3	4	5	6	7	3/28
57	PREPARE UNSERVICEABLE EQUIPMENT REPORT (UER)	1	1	1	2	3	4	5	6	7	3/29
58	MONITOR SUBMISSION OF QUALITY/RELIABILITY REPORT (QRR)	1	1	1	2	3	4	5	6	7	3/30
59	PREPARE QUALITY/RELIABILITY REPORT (QRR) FOR REBUILT EQUIPMENT	1	1	1	2	3	4	5	6	7	3/31
60	COORDINATE SUPPLY SUPPORT OF REPAIR ACTIVITY WITH SUPPLY MANAGERS	1	1	1	2	3	4	5	6	7	3/32
61	MANAGE MAINTENANCE SHOP SUPPLY FUNCTIONS	1	1	1	2	3	4	5	6	7	3/33

		TIME SPENT									
		I	II	III	IV	V	VI	VII	VIII	IX	X
		1	2	3	4	5	6	7	8	9	10
		11	12	13	14	15	16	17	18	19	20
		21	22	23	24	25	26	27	28	29	30
		31	32	33	34	35	36	37	38	39	40
		41	42	43	44	45	46	47	48	49	50
		51	52	53	54	55	56	57	58	59	60
		61	62	63	64	65	66	67	68	69	70
		71	72	73	74	75	76	77	78	79	80
		81	82	83	84	85	86	87	88	89	90
		91	92	93	94	95	96	97	98	99	100
		101	102	103	104	105	106	107	108	109	110
		111	112	113	114	115	116	117	118	119	120
		121	122	123	124	125	126	127	128	129	130
		131	132	133	134	135	136	137	138	139	140
		141	142	143	144	145	146	147	148	149	150
		151	152	153	154	155	156	157	158	159	160
		161	162	163	164	165	166	167	168	169	170
		171	172	173	174	175	176	177	178	179	180
		181	182	183	184	185	186	187	188	189	190
		191	192	193	194	195	196	197	198	199	200
		201	202	203	204	205	206	207	208	209	210
		211	212	213	214	215	216	217	218	219	220
		221	222	223	224	225	226	227	228	229	230
		231	232	233	234	235	236	237	238	239	240
		241	242	243	244	245	246	247	248	249	250
		251	252	253	254	255	256	257	258	259	260
		261	262	263	264	265	266	267	268	269	270
		271	272	273	274	275	276	277	278	279	280
		281	282	283	284	285	286	287	288	289	290
		291	292	293	294	295	296	297	298	299	300
		301	302	303	304	305	306	307	308	309	310
		311	312	313	314	315	316	317	318	319	320
		321	322	323	324	325	326	327	328	329	330
		331	332	333	334	335	336	337	338	339	340
		341	342	343	344	345	346	347	348	349	350
		351	352	353	354	355	356	357	358	359	360
		361	362	363	364	365	366	367	368	369	370
		371	372	373	374	375	376	377	378	379	380
		381	382	383	384	385	386	387	388	389	390
		391	392	393	394	395	396	397	398	399	400
		401	402	403	404	405	406	407	408	409	410
		411	412	413	414	415	416	417	418	419	420
		421	422	423	424	425	426	427	428	429	430
		431	432	433	434	435	436	437	438	439	440
		441	442	443	444	445	446	447	448	449	450
		451	452	453	454	455	456	457	458	459	460
		461	462	463	464	465	466	467	468	469	470
		471	472	473	474	475	476	477	478	479	480
		481	482	483	484	485	486	487	488	489	490
		491	492	493	494	495	496	497	498	499	500
		501	502	503	504	505	506	507	508	509	510
		511	512	513	514	515	516	517	518	519	520
		521	522	523	524	525	526	527	528	529	530
		531	532	533	534	535	536	537	538	539	540
		541	542	543	544	545	546	547	548	549	550
		551	552	553	554	555	556	557	558	559	560
		561	562	563	564	565	566	567	568	569	570
		571	572	573	574	575	576	577	578	579	580
		581	582	583	584	585	586	587	588	589	590
		591	592	593	594	595	596	597	598	599	600
		601	602	603	604	605	606	607	608	609	610
		611	612	613	614	615	616	617	618	619	620
		621	622	623	624	625	626	627	628	629	630
		631	632	633	634	635	636	637	638	639	640
		641	642	643	644	645	646	647	648	649	650
		651	652	653	654	655	656	657	658	659	660
		661	662	663	664	665	666	667	668	669	670
		671	672	673	674	675	676	677	678	679	680
		681	682	683	684	685	686	687	688	689	690
		691	692	693	694	695	696	697	698	699	700
		701	702	703	704	705	706	707	708	709	710
		711	712	713	714	715	716	717	718	719	720
		721	722	723	724	725	726	727	728	729	730
		731	732	733	734	735	736	737	738	739	740
		741	742	743	744	745	746	747	748	749	750
		751	752	753	754	755	756	757	758	759	760
		761	762	763	764	765	766	767	768	769	770
		771	772	773	774	775	776	777	778	779	780
		781	782	783	784	785	786	787	788	789	790
		791	792	793	794	795	796	797	798	799	800
		801	802	803	804	805	806	807	808	809	810
		811	812	813	814	815	816	817	818	819	820
		821	822	823	824	825	826	827	828	829	830
		831	832	833	834	835	836	837	838	839	840
		841	842	843	844	845	846	847	848	849	850
		851	852	853	854	855	856	857	858	859	860
		861	862	863	864	865	866	867	868	869	870
		871	872	873	874	875	876	877	878	879	880
		881	882	883	884	885	886	887	888	889	890
		891	892	893	894	895	896	897	898	899	900
		901	902	903	904	905	906	907	908	909	910
		911	912	913	914	915	916	917	918	919	920
		921	922	923	924	925	926	927	928	929	930
		931	932	933	934	935	936	937	938	939	940
		941	942	943	944	945	946	947	948	949	950
		951	952	953	954	955	956	957	958	959	960
		961	962	963	964	965	966	967	968	969	970
		971	972	973	974	975	976	977	978	979	980
		981	982	983	984	985	986	987	988	989	990
		991	992	993	994	995	996	997	998	999	1000

76	ESTABLISH SUP FOR MAINTENANCE MANAGEMENT	1	1	1	2	3	4	5	7	1	3/48
77	ADVISE ON CHANGES TO T/O	1	1	1	2	3	4	5	7	1	3/48
78	ADVISE IN ASSIGNMENT OF MAINTENANCE RELATED MUS'S	1	1	1	2	3	4	5	7	1	3/48
79	PREPARE MAINTENANCE SCHEDULES	1	1	1	2	3	4	5	7	1	3/50
80	MONITOR MAINTENANCE SCHEDULES	1	1	1	2	3	4	5	7	1	3/51
81	COMPLETE REQUIRED EQUIPMENT RECORDS	1	1	1	2	3	4	5	7	1	3/52
82	INSPECT EQUIPMENT RECORDS FOR COMPLETENESS/ACCURACY	1	1	1	2	3	4	5	7	1	3/53
		1	1	1	2	3	4	5	7	1	3/54

TIME-SPELIT

1	1	2	3	4	5	6	7	1	3752
1	1	2	3	4	5	6	7	1	3753
1	1	2	3	4	5	6	7	1	3754
1	1	2	3	4	5	6	7	1	3755
1	1	2	3	4	5	6	7	1	3756
1	1	2	3	4	5	6	7	1	3757
1	1	2	3	4	5	6	7	1	3758
1	1	2	3	4	5	6	7	1	3759
1	1	2	3	4	5	6	7	1	3760
1	1	2	3	4	5	6	7	1	3761
1	1	2	3	4	5	6	7	1	3762
1	1	2	3	4	5	6	7	1	3763
1	1	2	3	4	5	6	7	1	3764
1	1	2	3	4	5	6	7	1	3765

12 REBUILD ENGINE	1	1	2	3	4	5	6	7	3766
13 INSPECT ENGINE MOUNT FOR SERVICEABILITY	1	1	2	3	4	5	6	7	3767
14 REPLACE ENGINE MOUNT	1	1	2	3	4	5	6	7	3768
15 INSPECT CYLINDER HEAD FOR SERVICEABILITY	1	1	2	3	4	5	6	7	3769
16 REPAIR CYLINDER HEAD	1	1	2	3	4	5	6	7	3770
17 REPLACE CYLINDER HEAD	1	1	2	3	4	5	6	7	3771
18 OVERHAUL CYLINDER HEAD	1	1	2	3	4	5	6	7	3772
19 INSPECT FLYWHEEL FOR SERVICEABILITY	1	1	2	3	4	5	6	7	3773
20 REPAIR FLYWHEEL	1	1	2	3	4	5	6	7	3774
21 REPLACE FLYWHEEL	1	1	2	3	4	5	6	7	3775
22 OVERHAUL FLYWHEEL	1	1	2	3	4	5	6	7	3776
23 INSPECT FLYWHEEL DAMPER FOR SERVICEABILITY	1	1	2	3	4	5	6	7	3777
24 REPLACE FLYWHEEL DAMPER	1	1	2	3	4	5	6	7	3778
25 INSPECT VALVES FOR SERVICEABILITY	1	1	2	3	4	5	6	7	3779
26 ADJUST VALVES	1	1	2	3	4	5	6	7	3780
27 REPAIR VALVES	1	1	2	3	4	5	6	7	3781
28 REPLACE VALVES	1	1	2	3	4	5	6	7	3782
29 REPLACE AIR VALVES	1	1	2	3	4	5	6	7	3783

	TIME SPENT				
	1	2	3	4	5
101 VERY LITTLE	1				
102 BELOW AVERAGE	1				
103 SLIGHTLY BELOW AVG	1				
104 AVERAGE	1				
105 SLIGHTLY ABOVE AVG	1				
106 ABOVE AVERAGE	1				
107 VERY MUCH	1				
30 REPLACE VALVE ROCKER	1	1	2	3	4
31 INSPECT OIL FILTER ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4
32 SERVICE OIL FILTER ASSEMBLY	1	1	2	3	4
33 REPAIR OIL FILTER ASSEMBLY	1	1	2	3	4
34 REPLACE OIL FILTER ASSEMBLY	1	1	2	3	4
35 INSPECT OIL FILTER ELEMENT FOR SERVICEABILITY	1	1	2	3	4
36 REPLACE OIL FILTER ELEMENT	1	1	2	3	4
37 INSPECT OIL COOLER BY-PASS VALVE FOR SERVICEABILITY	1	1	2	3	4
38 REPAIR OIL COOLER BY-PASS VALVE	1	1	2	3	4
39 REPLACE OIL COOLER BY-PASS VALVE	1	1	2	3	4
40 INSPECT EXTERNAL OIL LINES AND FITTINGS FOR SERVICEABILITY	1	1	2	3	4
41 REPAIR EXTERNAL OIL LINES AND FITTINGS	1	1	2	3	4
42 REPLACE EXTERNAL OIL LINES AND FITTINGS	1	1	2	3	4
43 INSPECT OIL AND FUEL SCAVENGER TANK ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4





TIME SPENT	
111	VERY LITTLE
112	BELOW AVERAGE
113	SLIGHTLY BELOW AVG
114	AVERAGE
115	SLIGHTLY ABOVE AVG
116	ABOVE AVERAGE
117	VERY MUCH

# PERFORM FUEL SYSTEM MAINTENANCE DUTIES

1	SUPERVISE PERSONNEL IN FUEL SYSTEM MAINTENANCE	1	1	1	2	3	4	5	6	7	4/23
2	INSTRUCT/TRAIN PERSONNEL IN FUEL SYSTEM MAINTENANCE	1	1	1	2	3	4	5	6	7	4/24
3	INSPECT FUEL INJECTOR FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	4/25
4	TEST FUEL INJECTOR FOR PROPER OPERATION	1	1	1	2	3	4	5	6	7	4/26
5	SERVICE FUEL INJECTOR	1	1	1	2	3	4	5	6	7	4/27
6	ADJUST FUEL INJECTOR	1	1	1	2	3	4	5	6	7	4/28
7	REPAIR FUEL INJECTOR	1	1	1	2	3	4	5	6	7	4/29
8	REPLACE FUEL INJECTOR	1	1	1	2	3	4	5	6	7	4/30
9	OVERHAUL FUEL INJECTOR	1	1	1	2	3	4	5	6	7	4/31
10	REBUILD FUEL INJECTOR	1	1	1	2	3	4	5	6	7	4/32
11	INSPECT ENGINE FUEL PUMP ASSEMBLY FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	4/33

12 TEST	ENGINE FUEL PUMP ASSEMBLY FOR PROPER OPERATION	1	1	1	2	3	4	5	6	7	1-4734
13 REPAIR	ENGINE FUEL PUMP ASSEMBLY	1	1	1	2	3	4	5	6	7	1-4735
14 REPLACE	ENGINE FUEL PUMP ASSEMBLY	1	1	1	2	3	4	5	6	7	1-4736
15 OVERHAUL	ENGINE FUEL PUMP ASSEMBLY	1	1	1	2	3	4	5	6	7	1-4737
16 REPAIR	RELIEF VALVE	1	1	1	2	3	4	5	6	7	1-4738
17 REPLACE	RELIEF VALVE	1	1	1	2	3	4	5	6	7	1-4739
18 INSPECT	AIR CLEANER SYSTEM FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	1-4740
19 SERVICE	AIR CLEANER SYSTEM	1	1	1	2	3	4	5	6	7	1-4741
20 INSPECT	AIR CLEANER BLOWER ASSEMBLY FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	1-4742
21 TEST	AIR CLEANER BLOWER ASSEMBLY FOR PROPER OPERATION	1	1	1	2	3	4	5	6	7	1-4743
22 REPAIR	AIR CLEANER BLOWER ASSEMBLY	1	1	1	2	3	4	5	6	7	1-4744
23 REPLACE	AIR CLEANER BLOWER ASSEMBLY	1	1	1	2	3	4	5	6	7	1-4745
24 INSPECT	FILTER PACK	1	1	1	2	3	4	5	6	7	1-4746
25 SERVICE	FILTER PACK	1	1	1	2	3	4	5	6	7	1-4747
26 REPLACE	FILTER PACK	1	1	1	2	3	4	5	6	7	1-4748
27 INSPECT	AIR DUCTS AND FITTINGS	1	1	1	2	3	4	5	6	7	1-4749
28 REPAIR	AIR DUCTS AND FITTINGS	1	1	1	2	3	4	5	6	7	1-4750
29 REPLACE	AIR DUCTS AND FITTINGS	1	1	1	2	3	4	5	6	7	1-4751

		IIML SPENT									
		11	2	3	4	5	6	7	8	9	10
30 REPLACE	HOSES	1	1	1	1	1	1	1	1	1	1
31 REPLACE	DUST EXHAUSTER	1	1	1	1	1	1	1	1	1	1
32 REPLACE	BLOWER DRIVE SHAFT	1	1	1	1	1	1	1	1	1	1
33 TEST	TURBOCHARGER REGULATOR FOR PROPER OPERATION	1	1	1	1	1	1	1	1	1	1
34 REPLACE	TURBOCHARGER REGULATOR	1	1	1	1	1	1	1	1	1	1
35 INSPECT	TURBOCHARGER ASSEMBLY FOR SERVICEABILITY	1	1	1	1	1	1	1	1	1	1
36 REPAIR	TURBOCHARGER ASSEMBLY	1	1	1	1	1	1	1	1	1	1
37 REPLACE	TURBOCHARGER ASSEMBLY	1	1	1	1	1	1	1	1	1	1
38 OVERHAUL	TURBOCHARGER ASSEMBLY	1	1	1	1	1	1	1	1	1	1
39 REBUILD	TURBOCHARGER ASSEMBLY	1	1	1	1	1	1	1	1	1	1
40 INSPECT	ENGINE BLOWER INTAKE DUCT FOR SERVICEABILITY	1	1	1	1	1	1	1	1	1	1
41 REPAIR	ENGINE BLOWER INTAKE DUCT	1	1	1	1	1	1	1	1	1	1
42 REPLACE	ENGINE BLOWER INTAKE DUCT	1	1	1	1	1	1	1	1	1	1
43 INSPECT	FUEL TANK FOR SERVICEABILITY	1	1	1	1	1	1	1	1	1	1

44	SERVICE FUEL TANK	1	1	2	3	4	5	6	7	466
45	REPAIR FUEL TANK	1	1	2	3	4	5	6	7	467
46	REPLACE FUEL TANK	1	1	2	3	4	5	6	7	468
47	INSPECT LOW PRESSURE FUEL LINES AND FITTINGS FOR SERVICEABILITY	1	1	2	3	4	5	6	7	469
48	REPAIR LOW PRESSURE FUEL LINES AND FITTINGS	1	1	2	3	4	5	6	7	470
49	REPLACE LOW PRESSURE FUEL LINES AND FITTINGS	1	1	2	3	4	5	6	7	471
50	INSPECT HIGH PRESSURE FUEL LINES AND FITTINGS	1	1	2	3	4	5	6	7	472
51	REPAIR HIGH PRESSURE FUEL LINES AND FITTINGS	1	1	2	3	4	5	6	7	473
52	REPLACE HIGH PRESSURE FUEL LINES AND FITTINGS	1	1	2	3	4	5	6	7	474
53	INSPECT ENGINE GOVERNOR FOR SERVICEABILITY	1	1	2	3	4	5	6	7	475
54	TEST ENGINE GOVERNOR FOR PROPER OPERATION	1	1	2	3	4	5	6	7	476
55	SERVICE ENGINE GOVERNOR	1	1	2	3	4	5	6	7	477
56	ADJUST ENGINE GOVERNOR	1	1	2	3	4	5	6	7	478
57	REPAIR ENGINE GOVERNOR	1	1	2	3	4	5	6	7	479
58	REPLACE ENGINE GOVERNOR	1	1	2	3	4	5	6	7	501
59	INSPECT LOW PRESSURE FUEL FILTER ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	502
60	SERVICE LOW PRESSURE FUEL FILTER ASSEMBLY	1	1	2	3	4	5	6	7	503
61	REPAIR LOW PRESSURE FUEL FILTER ASSEMBLY	1	1	2	3	4	5	6	7	504

		TIME SPENT									
		I	II	III	IV	V	VI	VII	VIII	IX	X
		111 VERY LITTLE									
		112 BELOW AVERAGE									
		113 SLIGHTLY BELOW AVG									
		114 AVERAGE									
		115 SLIGHTLY ABOVE AVG									
		116 ABOVE AVERAGE									
		117 VERY MUCH									
62	REPLACE LOW PRESSURE FUEL FILTER ASSEMBLY	I	I	I	I	I	I	I	I	I	I
63	INSPECT FUEL CELL FILTER FOR SERVICABILITY	I	I	I	I	I	I	I	I	I	I
64	SERVICE FUEL CELL FILTER FILTER	I	I	I	I	I	I	I	I	I	I
65	REPLACE FUEL CELL FILTER FILTER	I	I	I	I	I	I	I	I	I	I
66	INSPECT HIGH PRESSURE FUEL FILTER ASSEMBLY FOR SERVICABILITY	I	I	I	I	I	I	I	I	I	I
67	SERVICE HIGH PRESSURE FUEL FILTER ASSEMBLY	I	I	I	I	I	I	I	I	I	I
68	REPLACE HIGH PRESSURE FUEL FILTER ASSEMBLY	I	I	I	I	I	I	I	I	I	I
69	SERVICE PRIMARY FUEL STRAINER ELEMENT	I	I	I	I	I	I	I	I	I	I
70	REPLACE PRIMARY FUEL STRAINER ELEMENT	I	I	I	I	I	I	I	I	I	I
71	SERVICE SECONDARY FUEL FILTER ELEMENT	I	I	I	I	I	I	I	I	I	I
72	REPLACE SECONDARY FUEL FILTER ELEMENT	I	I	I	I	I	I	I	I	I	I
73	REPLACE PRIMARY AND SECONDARY FUEL FILTER	I	I	I	I	I	I	I	I	I	I
74	INSPECT AIR BOX HEATER FUEL PUMP ASSEMBLY FOR SERVICABILITY	I	I	I	I	I	I	I	I	I	I
75	TEST AIR BOX HEATER FUEL PUMP ASSEMBLY FOR PROPER OPERATION	I	I	I	I	I	I	I	I	I	I





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# PERFORM COOLING SYSTEM MAINTENANCE DUTIES

30

12 REPLACE RADIATOR SUPPORT PLATE ASSEMBLY	1	1	2	3	4	5	6	7	1-5749
13 INSPECT WATER BYPASS AND CROSSOVER TUBES FOR SERVICEABILITY	1	1	2	3	4	5	6	7	1-5750
14 REPAIR WATER BYPASS AND CROSSOVER TUBES	1	1	2	3	4	5	6	7	1-5751
15 REPLACE WATER BYPASS AND CROSSOVER TUBES	1	1	2	3	4	5	6	7	1-5752
16 INSPECT HOSES, PIPES AND RELATED PARTS FOR SERVICEABILITY	1	1	2	3	4	5	6	7	1-5753
17 REPLACE HOSES, PIPES AND RELATED PARTS	1	1	2	3	4	5	6	7	1-5754
18 REPAIR WATER MANIFOLD	1	1	2	3	4	5	6	7	1-5755
19 REPLACE WATER MANIFOLD	1	1	2	3	4	5	6	7	1-5756
20 REPLACE FAN THERMOSTAT	1	1	2	3	4	5	6	7	1-5757
21 INSPECT THERMOSTATS FOR SERVICEABILITY	1	1	2	3	4	5	6	7	1-5758
22 TEST THERMOSTATS FOR PROPER OPERATION	1	1	2	3	4	5	6	7	1-5759
23 REPLACE THERMOSTATS	1	1	2	3	4	5	6	7	1-5760
24 INSPECT WATER PUMP ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	1-5761
25 REPAIR WATER PUMP ASSEMBLY	1	1	2	3	4	5	6	7	1-5762
26 REPLACE WATER PUMP ASSEMBLY	1	1	2	3	4	5	6	7	1-5763
27 INSPECT COOLING FAN ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	1-5764
28 REPAIR COOLING FAN ASSEMBLY	1	1	2	3	4	5	6	7	1-5765
29 REPLACE COOLING FAN ASSEMBLY	1	1	2	3	4	5	6	7	1-5766

		TIME SPENT									
		I	II	III	IV	V	VI	VII	VIII	IX	X
		VERY LITTLE									
		BELOW AVERAGE									
		SLIGHTLY BELOW AVG									
		AVERAGE									
		SLIGHTLY ABOVE AVG									
		ABOVE AVERAGE									
		VERY MUCH									
30	INSPECT FAN BELTS FOR SERVICEABILITY	1	1	1	1	1	1	1	1	1	1
31	ADJUST FAN BELT TENSION	1	1	2	3	4	5	6	7	1	5767
32	REPLACE FAN BELTS	1	1	2	3	4	5	6	7	1	5768
33	INSPECT FAN BELT TENSIONER ASSEMBLY	1	1	2	3	4	5	6	7	1	5769
34	ADJUST FAN BELT TENSIONER ASSEMBLY	1	1	2	3	4	5	6	7	1	5770
35	REPAIR FAN BELT TENSIONER ASSEMBLY	1	1	2	3	4	5	6	7	1	5771
36	REPLACE FAN BELT TENSIONER ASSEMBLY	1	1	2	3	4	5	6	7	1	5772
37	INSPECT FAN PULLEY	1	1	2	3	4	5	6	7	1	5773
38	REPLACE FAN PULLEY	1	1	2	3	4	5	6	7	1	5774
		1	1	2	3	4	5	6	7	1	5775

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TIME SPENT  
 111 VERY LITTLE  
 112 BELOW AVERAGE  
 113 SLIGHTLY BELOW AVG  
 114 AVERAGE  
 115 SLIGHTLY ABOVE AVG  
 116 ABOVE AVERAGE  
 117 VERY MUCH

PERFORM ELECTRICAL SYSTEM MAINTENANCE DUTIES

1 SUPERVISE PERSONNEL IN ELECTRICAL SYSTEM MAINTENANCE	1	1	1	2	3	4	5	6	7	15/16
2 INSTRUCT/TRAIN PERSONNEL IN ELECTRICAL SYSTEM MAINTENANCE	1	1	1	2	3	4	5	6	7	15/11
3 INSPECT GENERATOR ASSEMBLY FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	15/18
4 TROUBLESHOOT ELECTRICAL SYSTEM TO DETERMINE MALFUNCTION	1	1	1	2	3	4	5	6	7	15/19
5 TEST GENERATOR ASSEMBLY FOR PROPER OPERATION	1	1	1	2	3	4	5	6	7	16/1
6 REPAIR GENERATOR ASSEMBLY	1	1	1	2	3	4	5	6	7	16/2
7 REPLACE GENERATOR ASSEMBLY	1	1	1	2	3	4	5	6	7	16/3
8 OVERHAUL GENERATOR ASSEMBLY	1	1	1	2	3	4	5	6	7	16/4
9 REBUILD GENERATOR ASSEMBLY	1	1	1	2	3	4	5	6	7	16/5
10 TEST ALTERNATOR FOR PROPER OPERATION	1	1	1	2	3	4	5	6	7	16/6
11 REPAIR ALTERNATOR	1	1	1	2	3	4	5	6	7	16/7

12 REPLACE ALTERNATOR	1	1	2	3	4	5	6	7	6/18
13 REPLACE MASTER RELAY	1	1	2	3	4	5	6	7	6/18
14 INSPECT GENERATOR COOLING FAN ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	6/18
15 REPAIR GENERATOR COOLING FAN ASSEMBLY	1	1	2	3	4	5	6	7	6/18
16 REPLACE GENERATOR COOLING FAN ASSEMBLY	1	1	2	3	4	5	6	7	6/18
17 OVERHAUL GENERATOR COOLING FAN ASSEMBLY	1	1	2	3	4	5	6	7	6/18
18 REBUILD GENERATOR COOLING FAN ASSEMBLY	1	1	2	3	4	5	6	7	6/18
19 INSPECT COOLING AIR DUCTS AND FITTINGS FOR SERVICEABILITY	1	1	2	3	4	5	6	7	6/18
20 REPLACE COOLING AIR DUCTS AND FITTINGS	1	1	2	3	4	5	6	7	6/18
21 INSPECT VOLTAGE REGULATOR FOR SERVICEABILITY	1	1	2	3	4	5	6	7	6/18
22 TEST VOLTAGE REGULATOR FOR PROPER OPERATION	1	1	2	3	4	5	6	7	6/18
23 REPAIR VOLTAGE REGULATOR	1	1	2	3	4	5	6	7	6/18
24 REPLACE VOLTAGE REGULATOR	1	1	2	3	4	5	6	7	6/18
25 REPLACE CONDUCTION-COOLED RECTIFIER	1	1	2	3	4	5	6	7	6/18
26 INSPECT ENGINE STARTER ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	6/18
27 REPAIR ENGINE STARTER ASSEMBLY	1	1	2	3	4	5	6	7	6/18
28 REPLACE ENGINE STARTER ASSEMBLY	1	1	2	3	4	5	6	7	6/18
29 OVERHAUL ENGINE STARTER ASSEMBLY	1	1	2	3	4	5	6	7	6/18

		TIME SPENT									
		11	12	13	14	15	16	17	18	19	20
		VERY LITTLE									
		AVERAGE									
		SLIGHTLY BELOW									
		AVERAGE									
		SLIGHTLY ABOVE									
		AVERAGE									
		VERY MUCH									
30	REBUILD ENGINE STARTER ASSEMBLY	1	1	2	3	4	5	6	7	8	9
31	REPLACE STARTER RELAY	1	1	2	3	4	5	6	7	8	9
32	REPLACE STARTER SOLENOID	1	1	2	3	4	5	6	7	8	9
33	REPLACE FIELD COIL	1	1	2	3	4	5	6	7	8	9
34	REPAIR STARTER DRIVE	1	1	2	3	4	5	6	7	8	9
35	REPLACE STARTER DRIVE	1	1	2	3	4	5	6	7	8	9
36	INSPECT NEUTRAL POSITION SWITCH FOR SERVICEABILITY	1	1	2	3	4	5	6	7	8	9
37	ADJUST NEUTRAL POSITION SWITCH	1	1	2	3	4	5	6	7	8	9
38	REPLACE NEUTRAL POSITION SWITCH	1	1	2	3	4	5	6	7	8	9
39	INSPECT INSTRUMENT PANEL ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	8	9
40	REPLACE INSTRUMENT PANEL ASSEMBLY	1	1	2	3	4	5	6	7	8	9
41	INSPECT ELECTRICAL SWITCHES FOR SERVICEABILITY	1	1	2	3	4	5	6	7	8	9
42	REPLACE ELECTRICAL SWITCHES	1	1	2	3	4	5	6	7	8	9
43	INSPECT INDICATOR LIGHT FOR SERVICEABILITY	1	1	2	3	4	5	6	7	8	9





		TIME SPENT									
		11	2	3	4	5	6	7	8	9	10
		111	112	113	114	115	116	117	118	119	120
		VERY	BELOW	SLIGHTLY	AVERAGE	SLIGHTLY	AVERAGE	SLIGHTLY	AVERAGE	SLIGHTLY	AVERAGE
		LITTLE	BELOW	BELOW	AVERAGE	BELOW	AVERAGE	BELOW	AVERAGE	BELOW	AVERAGE
		MUCH	MUCH	MUCH	MUCH	MUCH	MUCH	MUCH	MUCH	MUCH	MUCH
		1	1	1	1	1	1	1	1	1	1
62	INSPECT CIRCUIT BREAKER PANEL ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	8	9
63	REPLACE CIRCUIT BREAKER PANEL ASSEMBLY	1	1	2	3	4	5	6	7	8	9
64	REPLACE HULL MISCELLANEOUS ELECTRICAL COMPONENTS	1	1	2	3	4	5	6	7	8	9
65	INSPECT HEADLAMP ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	8	9
66	ADJUST HEADLAMP ASSEMBLY	1	1	2	3	4	5	6	7	8	9
67	REPAIR HEADLAMP ASSEMBLY	1	1	2	3	4	5	6	7	8	9
68	REPLACE HEADLAMP ASSEMBLY	1	1	2	3	4	5	6	7	8	9
69	INSPECT DIMMER SWITCH AND BRACKET FOR SERVICEABILITY	1	1	2	3	4	5	6	7	8	9
70	REPLACE DIMMER SWITCH AND BRACKET	1	1	2	3	4	5	6	7	8	9
71	INSPECT TAIL LIGHT/STOP LIGHT ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	8	9
72	REPAIR TAIL LIGHT/STOP LIGHT ASSEMBLY	1	1	2	3	4	5	6	7	8	9
73	REPLACE TAIL LIGHT/STOP LIGHT ASSEMBLY	1	1	2	3	4	5	6	7	8	9
74	INSPECT COMPARTMENT LIGHT (DUMELIGHT) FOR SERVICEABILITY	1	1	2	3	4	5	6	7	8	9
75	REPAIR COMPARTMENT LIGHT (DUMELIGHT) ASSEMBLY/FIXTURE	1	1	2	3	4	5	6	7	8	9



		TIME SPENT									
		1	11	2	3	4	5	6	7	7/11	
94	REPLACE SLAVE RECEPTACLE ASSEMBLY	1	11	2	3	4	5	6	7	7/11	
95	INSPECT HULL WIRING HARNESS FOR SERVICEABILITY	1	11	2	3	4	5	6	7	7/12	
96	REPAIR HULL WIRING HARNESS	1	11	2	3	4	5	6	7	7/13	
97	REPLACE HULL WIRING HARNESS	1	11	2	3	4	5	6	7	7/14	
98	REPAIR MAIN CAB WIRING HARNESS	1	11	2	3	4	5	6	7	7/15	
99	REPLACE MAIN CAB WIRING HARNESS	1	11	2	3	4	5	6	7	7/16	
100	REPAIR MISCELLANEOUS HULL AND CAB WIRING HARNESS	1	11	2	3	4	5	6	7	7/17	
101	REPLACE MISCELLANEOUS HULL AND CAB WIRING HARNESS	1	11	2	3	4	5	6	7	7/18	
102	REPAIR POWER PLANT WIRING HARNESS	1	11	2	3	4	5	6	7	7/19	
103	REPLACE POWER PLANT WIRING HARNESS	1	11	2	3	4	5	6	7	7/20	
104	INSPECT TRAILER RECEPTACLE ASSEMBLY FOR SERVICEABILITY	1	11	2	3	4	5	6	7	7/21	
105	REPAIR TRAILER RECEPTACLE ASSEMBLY	1	11	2	3	4	5	6	7	7/22	
106	REPLACE TRAILER RECEPTACLE ASSEMBLY	1	11	2	3	4	5	6	7	7/23	
107	INSPECT TURRET WIRING HARNESS FOR SERVICEABILITY	1	11	2	3	4	5	6	7	7/24	



TIME SPENT	
111	VERY LITTLE
112	BELOW AVERAGE
113	SLIGHTLY BELOW AVG
114	AVERAGE
115	SLIGHTLY ABOVE AVG
116	ABOVE AVERAGE
117	VERY MUCH

PERFORM TRANSMISSION MAINTENANCE DUTIES

1 SUPERVISE PERSONNEL IN TRANSMISSION MAINTENANCE	1	1	1	2	3	4	5	6	7	1/234
2 INSTRUCT/TEACH PERSONNEL IN TRANSMISSION MAINTENANCE	1	1	1	2	3	4	5	6	7	1/235
3 INSPECT TRANSMISSION ASSEMBLY FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	1/236
4 TEST TRANSMISSION ASSEMBLY FOR PROPER OPERATION	1	1	1	2	3	4	5	6	7	1/237
5 SERVICE TRANSMISSION ASSEMBLY	1	1	1	2	3	4	5	6	7	1/238
6 ADJUST TRANSMISSIONS	1	1	1	2	3	4	5	6	7	1/239
7 REPAIR TRANSMISSION ASSEMBLY	1	1	1	2	3	4	5	6	7	1/240
8 REPLACE TRANSMISSION ASSEMBLY	1	1	1	2	3	4	5	6	7	1/241
9 OVERHAUL TRANSMISSION ASSEMBLY	1	1	1	2	3	4	5	6	7	1/242
10 REBUILD TRANSMISSION ASSEMBLY	1	1	1	2	3	4	5	6	7	1/243
11 REPLACE TRANSMISSION SEALS	1	1	1	2	3	4	5	6	7	1/244

12 REPLACE TRANSMISSION COUPLING SHAFT	1	1	1	2	3	4	5	6	7	1745
13 REPAIR TRANSMISSION CONTROL VALVE	1	1	1	2	3	4	5	6	7	1746
14 REPLACE TRANSMISSION CONTROL VALVE	1	1	1	2	3	4	5	6	7	1747
15 SERVICE TRANSMISSION OIL FILTER SCREEN	1	1	1	2	3	4	5	6	7	1748
16 REPAIR TRANSMISSION OIL FILTER SCREEN	1	1	1	2	3	4	5	6	7	1749
17 REPLACE TRANSMISSION OIL FILTER SCREEN	1	1	1	2	3	4	5	6	7	1750
18 INSPECT TRANSMISSION BRAKES FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	1751
19 SERVICE TRANSMISSION BRAKES	1	1	1	2	3	4	5	6	7	1752
20 ADJUST TRANSMISSION BRAKES	1	1	1	2	3	4	5	6	7	1753
21 REPLACE TRANSMISSION BRAKES	1	1	1	2	3	4	5	6	7	1754
22 REPLACE TRANSMISSION ROD END BEARING	1	1	1	2	3	4	5	6	7	1755

TIME SPENT	
111	VERY LITTLE
112	BELOW AVERAGE
113	SLIGHTLY BELOW AVG
114	AVERAGE
115	SLIGHTLY ABOVE AVG
116	ABOVE AVERAGE
117	VERY MUCH

# PERFORM TRANSFER AND FINAL DRIVE MAINTENANCE DUTIES

1	SUPERVISE PERSONNEL IN TRANSFER AND FINAL DRIVE MAINTENANCE	1	1	1	2	3	4	5	6	7	1756
2	INSTRUCT/TRAIN PERSONNEL IN TRANSFER AND FINAL DRIVE MAINTENANCE	1	1	1	2	3	4	5	6	7	1757
3	INSPECT POWER TRANSFER ASSEMBLY FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	1758
4	REPAIR POWER TRANSFER ASSEMBLY	1	1	1	2	3	4	5	6	7	1759
5	REPLACE POWER TRANSFER ASSEMBLY	1	1	1	2	3	4	5	6	7	1760
6	OVERHAUL POWER TRANSFER ASSEMBLY	1	1	1	2	3	4	5	6	7	1761
7	REBUILD POWER TRANSFER ASSEMBLY	1	1	1	2	3	4	5	6	7	1762
8	INSPECT FINAL DRIVE ASSEMBLY FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	1763
9	SERVICE FINAL DRIVE ASSEMBLY	1	1	1	2	3	4	5	6	7	1764
10	REPAIR FINAL DRIVE ASSEMBLY	1	1	1	2	3	4	5	6	7	1765
11	REPLACE FINAL DRIVE ASSEMBLY	1	1	1	2	3	4	5	6	7	1766

12 OVERHAUL FINAL DRIVE ASSEMBLY	1	1	1	2	3	4	5	6	7	1767
13 REBUILD FINAL DRIVE ASSEMBLY	1	1	1	2	3	4	5	6	7	1768
14 INSPECT AUXILIARY DRIVE ASSEMBLY FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	1769
15 SERVICE AUXILIARY DRIVE ASSEMBLY	1	1	1	2	3	4	5	6	7	1770
16 REPAIR AUXILIARY DRIVE ASSEMBLY	1	1	1	2	3	4	5	6	7	1771
17 REPLACE AUXILIARY DRIVE ASSEMBLY	1	1	1	2	3	4	5	6	7	1772
18 OVERHAUL AUXILIARY DRIVE ASSEMBLY	1	1	1	2	3	4	5	6	7	1773
19 REBUILD AUXILIARY DRIVE ASSEMBLY	1	1	1	2	3	4	5	6	7	1774
20 INSPECT OIL FILLER TUBE ASSEMBLY FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	1775
21 SERVICE OIL FILLER TUBE ASSEMBLY	1	1	1	2	3	4	5	6	7	1776
22 REPAIR OIL FILLER TUBE ASSEMBLY	1	1	1	2	3	4	5	6	7	1777
23 REPLACE OIL FILLER TUBE ASSEMBLY	1	1	1	2	3	4	5	6	7	1778
24 INSPECT SHIFTING CONTROLS AND LINKAGE FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	1779
25 ADJUST SHIFTING CONTROLS AND LINKAGE	1	1	1	2	3	4	5	6	7	1780
26 REPLACE SHIFTING CONTROLS AND LINKAGE	1	1	1	2	3	4	5	6	7	1781
27 REPAIR HULL HYDRAULIC SYSTEM	1	1	1	2	3	4	5	6	7	1782
28 REPLACE HULL HYDRAULIC SYSTEM	1	1	1	2	3	4	5	6	7	1783
	1	1	1	2	3	4	5	6	7	1784



	TIME SPENT
11	VERY LITTLE
12	BELOW AVERAGE
13	SLIGHTLY BELOW AVG
14	AVERAGE
15	SLIGHTLY ABOVE AVG
16	ABOVE AVERAGE
17	VERY MUCH

# PERFORM PROPELLER SHAFT MAINTENANCE DUTIES

1	SUPERVISE PERSONNEL IN PROPELLER SHAFT MAINTENANCE	1	1	2	3	4	5	6	7	8	7	1	87	5
2	INSTRUCT/TRAIN PERSONNEL IN PROPELLER SHAFT MAINTENANCE	1	1	2	3	4	5	6	7	1	1	1	87	5
3	INSPECT AUXILIARY DRIVE PROPELLER SHAFT FOR SERVICEABILITY	1	1	2	3	4	5	6	7	1	1	1	87	6
4	SERVICE AUXILIARY DRIVE PROPELLER SHAFT	1	1	2	3	4	5	6	7	1	1	1	87	7
5	REPLACE AUXILIARY DRIVE PROPELLER SHAFT	1	1	2	3	4	5	6	7	1	1	1	87	8
6	INSPECT UNIVERSAL JOINT FOR SERVICEABILITY	1	1	2	3	4	5	6	7	1	1	1	87	9
7	SERVICE UNIVERSAL JOINT	1	1	2	3	4	5	6	7	1	1	1	87	10
8	REPAIR UNIVERSAL JOINT	1	1	2	3	4	5	6	7	1	1	1	87	11
9	REPLACE UNIVERSAL JOINT	1	1	2	3	4	5	6	7	1	1	1	87	12
10	INSPECT CARRIER BEARING ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	1	1	1	87	13
11	SERVICE CARRIER BEARING ASSEMBLY	1	1	2	3	4	5	6	7	1	1	1	87	14
		1	1	2	3	4	5	6	7	1	1	1	87	15

1-1-2-3-4-5-6-7-8-9

1-11-2-3-4-5-6-7-18417

	TIME SPENT
1	111 VERY LITTLE
2	112 BELOW AVERAGE
3	113 SLIGHTLY BELOW AVERAGE
4	114 AVERAGE
5	115 SLIGHTLY ABOVE AVERAGE
6	116 ABOVE AVERAGE
7	117 VERY MUCH

4

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TIME SPENT	
111	VERY LITTLE
112	BELOW AVERAGE
113	SLIGHTLY BELOW AVG
114	AVERAGE
115	SLIGHTLY ABOVE AVG
116	ABOVE AVERAGE
117	VERY MUCH

# PERFORM TRACK AND SUSPENSION MAINTENANCE DUTIES

1 SUPERVISE PERSONNEL IN TRACK AND SUSPENSION MAINTENANCE	1	1	1	2	3	4	5	6	7	8/25
2 INSTRUCT/TRAIN PERSONNEL IN TRACK AND SUSPENSION MAINTENANCE	1	1	1	2	3	4	5	6	7	8/30
3 REPLACE TORSION BAR ANCHOR	1	1	1	2	3	4	5	6	7	8/31
4 INSPECT TORSION BAR FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	8/32
5 REPLACE TORSION BAR	1	1	1	2	3	4	5	6	7	8/33
6 INSPECT ROADWHEEL ARM AND HUB FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	8/34
7 SERVICE ROADWHEEL ARM AND HUB	1	1	1	2	3	4	5	6	7	8/35
8 REPAIR ROADWHEEL ARM AND HUB	1	1	1	2	3	4	5	6	7	8/36
9 REPLACE ROADWHEEL ARM AND HUB	1	1	1	2	3	4	5	6	7	8/37
10 OVERHAUL ROADWHEEL ARM AND HUB	1	1	1	2	3	4	5	6	7	8/38
11 REPLACE ROADWHEEL HUB SEAL	1	1	1	2	3	4	5	6	7	8/39

12 REPLACE HUB BEARING	1	1	2	3	4	5	6	7	8/40
13 REPLACE ECCENTRIC SPINDLE	1	1	2	3	4	5	6	7	8/41
14 REPLACE SPINDLE SEAL	1	1	2	3	4	5	6	7	8/42
15 INSPECT ROADWHEEL FOR SERVICEABILITY	1	1	2	3	4	5	6	7	8/43
16 REPAIR ROADWHEEL	1	1	2	3	4	5	6	7	8/44
17 REPLACE ROADWHEEL	1	1	2	3	4	5	6	7	8/45
18 INSPECT RADIO STATIC SUPPRESSION SPRING FOR SERVICEABILITY	1	1	2	3	4	5	6	7	8/46
19 REPLACE RADIO STATIC SUPPRESSION SPRING	1	1	2	3	4	5	6	7	8/47
20 REPAIR TRACK ADJUSTING CYLINDER	1	1	2	3	4	5	6	7	8/48
21 REPLACE TRACK ADJUSTING CYLINDER	1	1	2	3	4	5	6	7	8/49
22 INSPECT IDLER ARM AND HUB FOR SERVICEABILITY	1	1	2	3	4	5	6	7	8/50
23 SERVICE IDLER ARM AND HUB	1	1	2	3	4	5	6	7	8/51
24 REPAIR IDLER ARM AND HUB	1	1	2	3	4	5	6	7	8/52
25 REPLACE IDLER ARM AND HUB	1	1	2	3	4	5	6	7	8/53
26 OVERHAUL IDLER ARM AND HUB	1	1	2	3	4	5	6	7	8/54
27 REPLACE TRACK IDLER ARM	1	1	2	3	4	5	6	7	8/55
28 REPAIR TRACK IDLER SUPPORT HOUSING	1	1	2	3	4	5	6	7	8/56
29 INSPECT IDLER WHEEL FOR SERVICEABILITY	1	1	2	3	4	5	6	7	8/57

		TIME SPENT									
		1	11	2	3	4	5	6	7	8	9
		111 VERY LITTLE									
		12 BELOW AVERAGE									
		13 SLIGHTLY BELOW AVG									
		14 AVERAGE									
		15 SLIGHTLY ABOVE AVG									
		16 ABOVE AVERAGE									
		17 VERY MUCH									
30	REPAIR IDLER WHEEL	1	1	1	2	3	4	5	6	7	8758
31	REPLACE IDLER WHEEL	1	1	1	2	3	4	5	6	7	8759
32	INSPECT DRIVE HUB AND SPROCKET FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	8760
33	INSTALL DRIVE HUB AND SPROCKET	1	1	1	2	3	4	5	6	7	8761
34	REPAIR DRIVE HUB AND SPROCKET	1	1	1	2	3	4	5	6	7	8762
35	REPLACE DRIVE HUB AND SPROCKET	1	1	1	2	3	4	5	6	7	8763
36	INSPECT TRACK ASSEMBLY FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	8764
37	ADJUST TRACK ASSEMBLY	1	1	1	2	3	4	5	6	7	8765
38	REPLACE TRACK ASSEMBLY	1	1	1	2	3	4	5	6	7	8766
39	INSPECT TRACK SHOE ASSEMBLY FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	8767
40	REPAIR TRACK SHOE ASSEMBLY	1	1	1	2	3	4	5	6	7	8768
41	REPLACE TRACK SHOE ASSEMBLY	1	1	1	2	3	4	5	6	7	8769

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TIME SPENT	
I	111 VERY LITTLE
J	112 BELOW AVERAGE
K	113 SLIGHTLY BELOW AVG
L	114 AVERAGE
M	115 SLIGHTLY ABOVE AVG
N	116 ABOVE AVERAGE
O	117 VERY MUCH

PERFORM TOWING ATTACHMENT MAINTENANCE UTILS

1	SUPERVISE PERSONNEL IN TOWING ATTACHMENT MAINTENANCE	I	I	1	1	2	3	4	5	6	7	8	78
2	INSTRUCT/TRAIN PERSONNEL IN TOWING ATTACHMENT MAINTENANCE	I	I	1	1	2	3	4	5	6	7	8	78
3	INSPECT TOWING PINTLE FOR SERVICEABILITY	I	I	1	1	2	3	4	5	6	7	8	78
4	SERVICE TOWING PINTLE	I	I	1	1	2	3	4	5	6	7	8	78
5	REPAIR TOWING PINTLE	I	I	1	1	2	3	4	5	6	7	8	78
6	REPLACE TOWING PINTLE	I	I	1	1	2	3	4	5	6	7	8	78
7	INSPECT TOWING HOOKS FOR SERVICEABILITY	I	I	1	1	2	3	4	5	6	7	8	78
8	REPAIR TOWING HOOKS	I	I	1	1	2	3	4	5	6	7	8	78
9	REPLACE TOWING HOOKS	I	I	1	1	2	3	4	5	6	7	8	78

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TIME SPENT	
I	111 VERY LITTLE
IC	F12 BELOW AVERAGE
IM	13 SLIGHTLY BELOW AVG
IL	014 AVERAGE
IC	015 SLIGHTLY ABOVE AVG
IK	N16 ABOVE AVERAGE
I	ELL VERY MUCH

# PERFORM SPRING AND SHOCK ABSORBER MAINTENANCE DUTIES

1	SUPERVISE PERSONNEL IN SPRING AND SHOCK ABSORBER MAINTENANCE	I	1	2	3	4	5	6	7	9718
2	INSTRUCT/TRAIN PERSONNEL IN SPRING AND SHOCK ABSORBER MAINTENANCE	I	1	2	3	4	5	6	7	9719
3	REPLACE SHOCK ABSORBERS	I	1	2	3	4	5	6	7	9710
4	REPLACE SPRINGS	I	1	2	3	4	5	6	7	9711
5	REPLACE ROADWHEEL ARM BUMPER	I	1	2	3	4	5	6	7	9712
6	INSPECT LOCKOUT CONTROLS FOR SERVICABILITY	I	1	2	3	4	5	6	7	9713
7	REPAIR LOCKOUT CONTROLS	I	1	2	3	4	5	6	7	9714
8	REPLACE LOCKOUT CONTROLS	I	1	2	3	4	5	6	7	9715
9	INSPECT SUSPENSION HYDRAULIC LINES AND FITTINGS	I	1	2	3	4	5	6	7	9716
10	REPLACE SUSPENSION HYDRAULIC LINES AND FITTINGS	I	1	2	3	4	5	6	7	9717

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PERFORM FENDER MAINTENANCE DUTIES

1 SUPERVISE PERSONNEL IN FENDER MAINTENANCE

## 2 INSTRUCT/TRAIN PERSONNEL IN FENDER MAINTENANCE

### 3 INSPECT FENDER EXTENSIONS FOR SERVICEABILITY

#### 4 REPAIR FENDER EXTENSIONS

5 REPLACE FENDEK EXTENSIONS

REPLACE TRACK SKIRT

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TIME SPENT	
111	VERY LITTLE
112	BELOW AVERAGE
113	SLIGHTLY BELOW AVG
114	AVERAGE
115	SLIGHTLY ABOVE AVG
116	ABOVE AVERAGE
117	VERY MUCH

# PERFORM HULL MAINTENANCE DUTIES

1	SUPERVISE PERSONNEL IN HULL MAINTENANCE	1	1	2	3	4	5	6	7	9/24
2	INSTRUCT/TRAIN PERSONNEL IN HULL MAINTENANCE	1	1	2	3	4	5	6	7	9/25
3	INSPECT HULL COVERS, DOORS AND PLUGS FOR SERVICEABILITY	1	1	2	3	4	5	6	7	9/26
4	REPAIR HULL COVERS, DOORS AND PLUGS	1	1	2	3	4	5	6	7	9/27
5	REPLACE HULL COVERS, DOORS AND PLUGS	1	1	2	3	4	5	6	7	9/28
6	REPAIR GUN TRAVELING LOCK	1	1	2	3	4	5	6	7	9/29
7	REPLACE GUN TRAVELING LOCK	1	1	2	3	4	5	6	7	9/30
8	INSPECT DECKS AND MISCELLANEOUS COMPONENTS FOR SERVICEABILITY	1	1	2	3	4	5	6	7	9/31
9	REPAIR DECKS AND MISCELLANEOUS COMPONENTS	1	1	2	3	4	5	6	7	9/32
10	REPLACE DECKS AND MISCELLANEOUS COMPONENTS	1	1	2	3	4	5	6	7	9/33
11	INSPECT DRIVER HATCH ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	9/34

12 REPAIR	DRIVER HATCH ASSEMBLY	1	1	2	3	4	5	6	7	9735
13 REPLACE	DRIVER HATCH ASSEMBLY	1	1	2	3	4	5	6	7	9736
14 INSPECT	HULL DRAIN VALVES FOR SERVICEABILITY	1	1	2	3	4	5	6	7	9737
15 REPAIR	HULL DRAIN VALVES	1	1	2	3	4	5	6	7	9738
16 REPLACE	HULL DRAIN VALVES	1	1	2	3	4	5	6	7	9739
17 INSPECT	DRIVER AND PERSONNEL SEATS FOR SERVICEABILITY	1	1	2	3	4	5	6	7	9740
18 SERVICE	DRIVER AND PERSONNEL SEATS	1	1	2	3	4	5	6	7	9741
19 REPAIR	DRIVER AND PERSONNEL SEATS	1	1	2	3	4	5	6	7	9742
20 REPLACE	DRIVER AND PERSONNEL SEATS	1	1	2	3	4	5	6	7	9743
21 INSPECT	HULL STORAGE RACKS, BOXES AND STRAPS FOR SERVICEABILITY	1	1	2	3	4	5	6	7	9744
22 REPAIR	HULL STORAGE RACKS, BOXES AND STRAPS	1	1	2	3	4	5	6	7	9745
23 REPLACE	HULL STORAGE RACKS, BOXES AND STRAPS	1	1	2	3	4	5	6	7	9746

	TIME SPENT
I11	VERY LITTLE
I12	BELOW AVERAGE
I13	SLIGHTLY BELOW AVG
I14	AVERAGE
I15	SLIGHTLY ABOVE AVG
I16	ABOVE AVERAGE
I17	VERY MUCH

PERFORM CAB MAINTENANCE DUTIES

[illegible]

12 REPAIR	EQUILIBRATOR	1	1	1	2	3	4	5	6	7	1-9750
13 SERVICE	AUXILIARY DRIVE ELEVATING MECHANISM	1	1	1	2	3	4	5	6	7	1-9752
14 REPAIR	AUXILIARY DRIVE ELEVATING MECHANISM	1	1	1	2	3	4	5	6	7	1-9759
15 REPLACE	AUXILIARY DRIVE ELEVATING MECHANISM	1	1	1	2	3	4	5	6	7	1-9760
16 SERVICE	TRAVERSING MECHANISM ASSEMBLY	1	1	1	2	3	4	5	6	7	1-9761
17 REPAIR	TRAVERSING MECHANISM ASSEMBLY	1	1	1	2	3	4	5	6	7	1-9762
18 SERVICE	ELEVATING CYLINDER ASSEMBLY	1	1	1	2	3	4	5	6	7	1-9763
19 REPAIR	ELEVATING CYLINDER ASSEMBLY	1	1	1	2	3	4	5	6	7	1-9764
20 REPLACE	ELEVATING CYLINDER ASSEMBLY	1	1	1	2	3	4	5	6	7	1-9765
21 REPAIR	ELEVATING CONTROL ASSEMBLY	1	1	1	2	3	4	5	6	7	1-9766
22 REPLACE	ELEVATING CONTROL ASSEMBLY	1	1	1	2	3	4	5	6	7	1-9767
23 REPAIR	HAND HYDRAULIC ACCUMULATOR	1	1	1	2	3	4	5	6	7	1-9768
24 REPLACE	HAND HYDRAULIC ACCUMULATOR	1	1	1	2	3	4	5	6	7	1-9769
25 REPLACE	HYDRAULIC LINES AND FITTINGS	1	1	1	2	3	4	5	6	7	1-9770
26 REPLACE	PRESSURE HYDRAULIC SWITCHES	1	1	1	2	3	4	5	6	7	1-9771
27 REPAIR	HYDRAULIC POWER PACK	1	1	1	2	3	4	5	6	7	1-9772
28 REPLACE	HYDRAULIC POWER PACK	1	1	1	2	3	4	5	6	7	1-9773
29 REPAIR	MANUAL ELEVATION HAND PUMP	1	1	1	2	3	4	5	6	7	1-9774
		1	1	1	2	3	4	5	6	7	1-9775

		TIME SPENT									
		I	II	III	VERY LITTLE						
30 REPLACE	MANUAL ELEVATION HAND PUMP	I	I	I	I	I	I	I	I	I	I
31 REPAIR	POWER ELEVATING AND TRAVERISING MECHANISM VALVES	I	I	I	I	I	I	I	I	I	I
32 REPLACE	POWER ELEVATING AND TRAVERISING MECHANISM VALVES	I	I	I	I	I	I	I	I	I	I
33 REPLACE	PRESSURE GAGE	I	I	I	I	I	I	I	I	I	I
34 REPAIR	POWER ACCUMULATOR	I	I	I	I	I	I	I	I	I	I
35 REPAIR	GUNNERS CONTROL	I	I	I	I	I	I	I	I	I	I
36 REPLACE	GUNNERS CONTROL	I	I	I	I	I	I	I	I	I	I

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12 REPAIR	TURKET BEARING (BALL BEARINGS)	1	1	2	3	4	5	6	7	110715
13 REPLACE	TURKET BEARING (BALL BEARINGS)	1	1	2	3	4	5	6	7	110716
14 OVERHAUL	TURKET BEARING (BALL BEARINGS)	1	1	2	3	4	5	6	7	110717
15 REBUILD	TURKET BEARING (BALL BEARINGS)	1	1	2	3	4	5	6	7	110718
16 REPAIR	CREW SEATS	1	1	2	3	4	5	6	7	110719
17 REPLACE	CREW SEATS	1	1	2	3	4	5	6	7	110720
18 INSPECT	CRASH PAD FOR SERVICEABILITY	1	1	2	3	4	5	6	7	110721
19 REPLACE	CRASH PAD	1	1	2	3	4	5	6	7	110722
20 INSPECT	MANUAL TRAVERSE AND ELEVATING MECHANISM FOR SERVICEABILITY	1	1	2	3	4	5	6	7	110723
21 TEST	MANUAL TRAVERSE AND ELEVATING MECHANISM FOR PROPER OPERATION	1	1	2	3	4	5	6	7	110724
22 SERVICE	MANUAL TRAVERSE AND ELEVATING MECHANISM	1	1	2	3	4	5	6	7	110725
23 ADJUST	MANUAL TRAVERSE AND ELEVATING MECHANISM	1	1	2	3	4	5	6	7	110726
24 REPAIR	MANUAL TRAVERSE AND ELEVATING MECHANISM	1	1	2	3	4	5	6	7	110727
25 REPLACE	MANUAL TRAVERSE AND ELEVATING MECHANISM	1	1	2	3	4	5	6	7	110728
26 REBUILD	MANUAL TRAVERSE AND ELEVATING MECHANISM	1	1	2	3	4	5	6	7	110729
27 INSPECT	ELECTRIC MOTOR AND HYDRAULIC PUMP FOR SERVICEABILITY	1	1	2	3	4	5	6	7	110730
28 REPAIR	ELECTRIC MOTOR AND HYDRAULIC PUMP	1	1	2	3	4	5	6	7	110731
29 REPLACE	ELECTRIC MOTOR AND HYDRAULIC PUMP	1	1	2	3	4	5	6	7	110732



		TIME SPENT									
		11	12	13	14	15	16	17	18	19	20
		VERY LITTLE	BELOW AVERAGE	SLIGHTLY BELOW AVERAGE	AVERAGE	SLIGHTLY ABOVE AVERAGE	ABOVE AVERAGE	MUCH			
30	OVERHAUL ELECTRIC MOTOR AND HYDRAULIC PUMP	1	1	2	3	4	5	6	7	110/33	
31	REBUILD ELECTRIC MOTOR AND HYDRAULIC PUMP	1	1	2	3	4	5	6	7	110/33	
32	INSPECT ELEVATING AND TRAVERSING MOTOR AND BRAKE ASSEMBLY	1	1	2	3	4	5	6	7	110/34	
33	REPAIR ELEVATING AND TRAVERSING MOTOR AND BRAKE ASSEMBLY	1	1	2	3	4	5	6	7	110/35	
34	REPLACE ELEVATING AND TRAVERSING MOTOR AND BRAKE ASSEMBLY	1	1	2	3	4	5	6	7	110/36	
35	OVERHAUL ELEVATING AND TRAVERSING MOTOR AND BRAKE ASSEMBLY	1	1	2	3	4	5	6	7	110/37	
36	REBUILD ELEVATING AND TRAVERSING MOTOR AND BRAKE ASSEMBLY	1	1	2	3	4	5	6	7	110/38	
37	INSPECT HYDRAULIC FILTERS AND ELEMENTS FOR SERVICEABILITY	1	1	2	3	4	5	6	7	110/39	
38	SERVICE HYDRAULIC FILTERS AND ELEMENTS	1	1	2	3	4	5	6	7	110/40	
39	REPLACE HYDRAULIC FILTERS AND ELEMENTS	1	1	2	3	4	5	6	7	110/41	
40	INSPECT HYDRAULIC LINES AND FITTINGS FOR SERVICEABILITY	1	1	2	3	4	5	6	7	110/42	
41	INSPECT HYDRAULIC MANIFOLDS FOR SERVICEABILITY	1	1	2	3	4	5	6	7	110/43	
42	REPAIR HYDRAULIC MANIFOLDS	1	1	2	3	4	5	6	7	110/44	
43	REPLACE HYDRAULIC MANIFOLDS	1	1	2	3	4	5	6	7	110/45	
		1	1	2	3	4	5	6	7	110/46	

44	INSPECT	ACCUMULATOR FOR SERVICEABILITY	1	1	2	3	4	5	6	7	110/47
45	REPAIR	ACCUMULATOR	1	1	2	3	4	5	6	7	110/48
46	REPLACE	ACCUMULATOR	1	1	2	3	4	5	6	7	110/49
47	OVERHAUL	ACCUMULATOR	1	1	2	3	4	5	6	7	110/50
48	INSPECT	POWER ELEVATION AND TRAVERSING CONTROLS FOR SERVICEABILITY	1	1	2	3	4	5	6	7	110/51
49	REPAIR	POWER ELEVATION AND TRAVERSING CONTROLS	1	1	2	3	4	5	6	7	110/52
50	REPLACE	POWER ELEVATION AND TRAVERSING CONTROLS	1	1	2	3	4	5	6	7	110/53
51	TEST	TORQUE LOCK DRIVE FOR PROPER OPERATION	1	1	2	3	4	5	6	7	110/54
52	SERVICE	TORQUE LOCK DRIVE	1	1	2	3	4	5	6	7	110/55
53	REPAIR	TORQUE LOCK DRIVE	1	1	2	3	4	5	6	7	110/56
54	REPLACE	TORQUE LOCK DRIVE	1	1	2	3	4	5	6	7	110/57
55	OVERHAUL	TORQUE LOCK DRIVE	1	1	2	3	4	5	6	7	110/58
56	INSPECT	TURRET HANDCRANK FOR SERVICEABILITY	1	1	2	3	4	5	6	7	110/59
57	SERVICE	TURRET HANDCRANK	1	1	2	3	4	5	6	7	110/60
58	ALIGN	TURRET HANDCRANK	1	1	2	3	4	5	6	7	110/61
59	REPAIR	TURRET HANDCRANK	1	1	2	3	4	5	6	7	110/62
60	REPLACE	TURRET HANDCRANK	1	1	2	3	4	5	6	7	110/63
61	OVERHAUL	TURRET HANDCRANK	1	1	2	3	4	5	6	7	110/64

		TIME SPENT									
		I	II	III	IV	V	VI	VII	VIII	IX	X
		VERY	LITTLE								
62	REBUILD TURRET HANDCRANK										
63	INSPECT TURRET STOWAGE BOXES, RACKS AND STRAPS FOR SERVICEABILITY										
64	REPAIR TURRET STOWAGE BOXES, RACKS AND STRAPS										
65	REPLACE TURRET STOWAGE BOXES, RACKS AND STRAPS										
66	OVERHAUL RAMMER TRAVERSING CYLINDER										
67	INSPECT RAMMER TRAVERSING CYLINDER, CONTROLS, LINES AND FITTINGS FOR SERVICEABILITY										
68	TEST RAMMER TRAVERSING CYLINDER, CONTROLS, LINES AND FITTINGS FOR PROPER OPERATION										
69	REPAIR RAMMER TRAVERSING CYLINDER, CONTROLS, LINES AND FITTINGS										
70	REPLACE RAMMER TRAVERSING CYLINDER, CONTROLS, LINES AND FITTINGS										
71	INSPECT POWER TAKE-OFF FOR SERVICEABILITY										
72	REPAIR POWER TAKE-OFF										
73	REPLACE POWER TAKE-OFF										

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TIME SPENT

I	111	VERY LITTLE
J	112	BELOW AVERAGE
K	113	SLIGHTLY BELOW AVG
L	114	AVERAGE
M	115	SLIGHTLY ABOVE AVG
N	116	ABOVE AVERAGE
O	117	VERY MUCH

PERFORM SPADE MAINTENANCE DUTIES

1 SUPERVISE PERSONNEL IN SPADE MAINTENANCE	I	I	1	1	2	3	4	5	6	7	110/11
2 INSTRUCT/TRAIN PERSONNEL IN SPADE MAINTENANCE	I	I	1	1	2	3	4	5	6	7	110/18
3 INSPECT SPADE ASSEMBLY FOR SERVICEABILITY	I	I	1	1	2	3	4	5	6	7	110/19
4 SERVICE SPADE ASSEMBLY	I	I	1	1	2	3	4	5	6	7	111/1
5 REPAIR SPADE ASSEMBLY	I	I	1	1	2	3	4	5	6	7	111/2
6 REPLACE SPADE ASSEMBLY	I	I	1	1	2	3	4	5	6	7	111/3
7 REPAIR SPADE LOCK	I	I	1	1	2	3	4	5	6	7	111/4
8 INSPECT SPADE CYLINDER FOR SERVICEABILITY	I	I	1	1	2	3	4	5	6	7	111/5
9 REPAIR SPADE CYLINDER	I	I	1	1	2	3	4	5	6	7	111/6
10 REPLACE SPADE CYLINDER	I	I	1	1	2	3	4	5	6	7	111/7
11 INSPECT SPADE CONTROLS FOR SERVICEABILITY	I	I	1	1	2	3	4	5	6	7	111/8

12 REPAIR	SPADE CONTROLS	1	1	1	2	3	4	5	6	7	11	12	13
13 REPLACE	SPADE CONTROLS	1	1	1	2	3	4	5	6	7	11	12	13
14 REPLACE	HYDRAULIC SHUT-OFF VALVE	1	1	1	2	3	4	5	6	7	11	12	13
15 INSPECT	LINES AND FITTINGS FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	11	12	13
16 REPLACE	HYDRAULIC LINES AND FITTINGS	1	1	1	2	3	4	5	6	7	11	12	13
		1	1	1	2	3	4	5	6	7	11	12	13

TIME SPENT	
1	111 VERY LITTLE
2	112 BELOW AVERAGE
3	113 SLIGHTLY BELOW AVG
4	114 AVERAGE
5	115 SLIGHTLY ABOVE AVG
6	116 ABOVE AVERAGE
7	117 VERY MUCH

# PERFORM HULL ACCESSORY MAINTENANCE DUTIES

1 SUPERVISE PERSONNEL IN HULL ACCESSORY MAINTENANCE	1	1	1	2	3	4	5	6	7	111/14
2 INSTRUCT/TRAIN PERSONNEL IN HULL ACCESSORY MAINTENANCE	1	1	1	1	2	3	4	5	6	7
3 INSPECT VEHICLE DATA PLATES FOR SERVICEABILITY	1	1	1	1	2	3	4	5	6	7
4 REPLACE VEHICLE DATA PLATES	1	1	1	1	2	3	4	5	6	7
5 REPAIR PERSONNEL HEATER	1	1	1	1	2	3	4	5	6	7
6 REPLACE PERSONNEL HEATER	1	1	1	1	2	3	4	5	6	7
7 SERVICE PERSONNEL HEATER FUEL FILTER	1	1	1	1	2	3	4	5	6	7
8 REPLACE PERSONNEL HEATER FUEL FILTER	1	1	1	1	2	3	4	5	6	7
9 REPLACE HEATER FUEL PUMP	1	1	1	1	2	3	4	5	6	7
10 INSPECT BILGE PUMP FOR SERVICEABILITY	1	1	1	1	2	3	4	5	6	7
11 REPAIR BILGE PUMP	1	1	1	1	2	3	4	5	6	7

12 REPLACE BILGE PUMP

13 REBUILD BILGE PUMP

[illegible]



	TIME SPENT
111	VERY LITTLE
112	BELOW AVERAGE
113	SLIGHTLY BELOW AVG
114	AVERAGE
115	SLIGHTLY ABOVE AVG
116	ABOVE AVERAGE
117	VERY MUCH

### PERFORM TOOLS AND TEST EQUIPMENT MAINTENANCE DUTIES

1	SUPERVISE PERSONNEL IN TOOLS AND TEST EQUIPMENT MAINTENANCE					
2	INSTRUCT/TRAIN PERSONNEL IN TOOLS AND TEST EQUIPMENT MAINTENANCE					
3	INSPECT SPECIAL TOOLS FOR SERVICEABILITY					
4	SERVICE SPECIAL TOOLS					
5	REPLACE SPECIAL TOOLS					
6	INSPECT ON VEHICLE EQUIPMENT (OVE) FOR SERVICEABILITY					
7	INSTALL ON VEHICLE EQUIPMENT (OVE)					
8	REPLACE ON VEHICLE EQUIPMENT (OVE)					

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PERFORM SPECIAL PURPOSE KIT MAINTENANCE DUTIES

**ob**



		TIME SPENT									
		I	II	III	IV	V	VI	VII	VIII	IX	X
		VERY LITTLE									
		BELOW AVERAGE									
		SLIGHTLY BELOW AVERAGE									
		AVERAGE									
		SLIGHTLY ABOVE AVERAGE									
		ABOVE AVERAGE									
		VERY MUCH									
30	REPLACE DEEP WATER FORDING KIT BACKERS SUPPORTS	I	I	I	I	I	I	I	I	I	I
31	REPAIR DEEP WATER FORDING KIT SIDE RUBBER BAG	I	I	I	I	I	I	I	I	I	I
32	REPLACE DEEP WATER FORDING KIT SIDE RUBBER BAG	I	I	I	I	I	I	I	I	I	I
33	REPAIR DEEP WATER FORDING KIT FRONT RUBBER BAG	I	I	I	I	I	I	I	I	I	I
34	REPLACE DEEP WATER FORDING KIT FRONT RUBBER BAG	I	I	I	I	I	I	I	I	I	I
35	REPLACE DEEP WATER FORDING KIT STRAPS	I	I	I	I	I	I	I	I	I	I
36	REPLACE DEEP WATER FORDING KIT HOSES AND CLAMPS	I	I	I	I	I	I	I	I	I	I
37	REPAIR DEEP WATER FORDING KIT TURBO BLOWER ASSEMBLY	I	I	I	I	I	I	I	I	I	I
38	REPLACE DEEP WATER FORDING KIT TURBO BLOWER ASSEMBLY	I	I	I	I	I	I	I	I	I	I
39	REPAIR DEEP WATER FORDING KIT VALVE ASSEMBLY	I	I	I	I	I	I	I	I	I	I
40	REPLACE DEEP WATER FORDING KIT VALVE ASSEMBLY	I	I	I	I	I	I	I	I	I	I
41	INSPECT DRIVERS WINDSHIELD ASSEMBLY FOR SERVICEABILITY	I	I	I	I	I	I	I	I	I	I
42	REPAIR DRIVERS WINDSHIELD ASSEMBLY	I	I	I	I	I	I	I	I	I	I
43	REPLACE DRIVERS WINDSHIELD ASSEMBLY	I	I	I	I	I	I	I	I	I	I





76 REPLACE CREW HEATER FIBERGLASS DUCTS	1	1	1	2	3	4	5	6	7	112/31
77 INSPECT COVERS, PLATES AND LOOPS FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	112/32
78 REPLACE COVERS, PLATES AND LOOPS	1	1	1	2	3	4	5	6	7	112/33
79 INSPECT SHELTER KIT FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	112/34
80 REPLACE SHELTER KIT	1	1	1	2	3	4	5	6	7	112/35
81 INSPECT ARCTIC TRACTION KIT FOR SERVICEABILITY	1	1	1	2	3	4	5	6	7	112/36
82 REPLACE ARCTIC TRACTION KIT	1	1	1	2	3	4	5	6	7	112/37



TIME SPENT	
111	VERY LITTLE
112	BELOW AVERAGE
113	SLIGHTLY BELOW AVG
114	AVERAGE
115	SLIGHTLY ABOVE AVG
116	ABOVE AVERAGE
117	VERY MUCH

# PERFORM GAGES (NON-ELECTRIC) MAINTENANCE DUTIES

1	SUPERVISE PERSONNEL IN GAGE (NON-ELECTRIC) MAINTENANCE	1	1	2	3	4	5	6	7	112738
2	INSTRUCT/TRAIN PERSONNEL IN GAGE (NON-ELECTRIC) MAINTENANCE	1	1	2	3	4	5	6	7	112739
3	INSPECT SPEEDOMETER ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	112740
4	REPLACE SPEEDOMETER ASSEMBLY	1	1	2	3	4	5	6	7	112741
5	INSPECT SPEEDOMETER DRIVE ADAPTERS FOR SERVICEABILITY	1	1	2	3	4	5	6	7	112742
6	SERVICE SPEEDOMETER DRIVE ADAPTERS	1	1	2	3	4	5	6	7	112743
7	REPLACE SPEEDOMETER DRIVE ADAPTERS	1	1	2	3	4	5	6	7	112744
8	INSPECT TACHOMETER ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	112745
9	REPLACE TACHOMETER ASSEMBLY	1	1	2	3	4	5	6	7	112746
10	INSPECT FLEXIBLE SHAFT ASSEMBLY FOR SERVICEABILITY	1	1	2	3	4	5	6	7	112747
11	SERVICE FLEXIBLE SHAFT ASSEMBLY	1	1	2	3	4	5	6	7	112748

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12	INSPECT	FIRE EXTINGUISHER LINES, NOZZLE AND BRACKETS FOR	1	1	1
	SERVICEABILITY		1	1	1
13	REPLACE	FIRE EXTINGUISHER LINES, NOZZLE AND BRACKETS	1	1	1

CR

### INSTRUCTIONS -- TIME RATING

1. NOW THAT YOU HAVE CHECKED THOSE TASKS YOU PERFORM, RATE THE RELATIVE AMOUNT OF TIME YOU SPEND PERFORMING EACH TASK YOU HAVE CHECKED. RELATIVE TIME SPENT MEANS THE TOTAL TIME YOU SPEND DOING THE TASK COMPARED WITH THE TIME YOU SPEND ON EACH OF THE OTHER TASKS YOU PERFORM ON YOUR PRESENT JOB.
2. USE A RATING OF "1" IF YOU SPEND "VERY LITTLE" TIME ON A TASK; USE A RATING OF "2" FOR "BELOW AVERAGE"; AND SO ON, UP TO A RATING OF "7" IF YOU SPEND "VERY MUCH" TIME ON A TASK.
3. REMEMBER, YOU ARE TO TIME RATE ONLY TASKS THAT YOU HAVE ALREADY CHECKED IN THE "CHECK IF DONE" COLUMN. CIRCLE YOUR RATING, ACCORDING TO THE 7-POINT SCALE, IN THE RIGHT HAND COLUMN HEADED "TIME SPENT PERFORMING". NOW TURN TO PAGE 18 AND BEGIN.

JOB EVALUATION

1. What part of your job do you feel should have been included in your schooling, but was not?
2. What part of your school training are you not using in your present job?
3. What changes would you suggest be made to improve your billet MOS?
4. What changes would you suggest to improve this questionnaire?

This page is provided so that you may make any additional remarks concerning your occupational field or billet which you feel should be addressed and/or considered in this study. Remember that your remarks will be held in strict confidence.

[illegible]



TASKS THAT I PERFORM THAT WERE NOT LISTED IN THIS QUESTIONNAIRE

[illegible]

MOS \_\_\_\_\_

INFORMATION PAGE FOR QUESTIONS ANSWERED "OTHER"

10.

16.

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